

ULTIMATE HIGH FIDELITY STEREO COMPONENTS

LUXMAN

PD277

FULLY AUTOMATIC DIRECT-DRIVE TURNTABLE (LESS CARTRIDGE)

*© beim Hersteller
Archiv Michael-Otto*



Brushless, Slotless DC Servo Motor

The servo-controlled direct drive brushless DC motor with its gapless pole design is totally free from cogging or pulsing that plagues many other direct-drive turntables, ensuring superb wow & flutter characteristics. The high-inertia platter distributes its large mass evenly around the countour.

Straight Tonearm

The straight, statically-balanced tonearm has several important features. For example, the vertical pivots extend through the arm rather than simply suspending it from the outside. This minimizes lateral play, and assures that the stylus remains always perpendicular to the disc. Also, the arm's nested double-tube construction and internal damping deal most effectively with resonance.

The headshell is integrated to the tonearm. This system is much better than changing headshells, since it minimizes mass at the critical point of the tonearm, removing possible poor contact of the cartridge terminals.

Mirror Reflex Stroboscope

The unique stroboscope system of mirror-reflection type is featured, which makes it easy to adjust an accurate rotation speed.

Feather-Touch Operation

An electronic sensing system offers feather-touch operation of the auto-start and cut-off functions, giving no mechanical loads.

Platter Mat

The platter mat is so designed as to realize firm retention of the disc. To minimize unnecessary space between the disc and mat, the plane is procured between the two by making the platter contour match that of the disc.

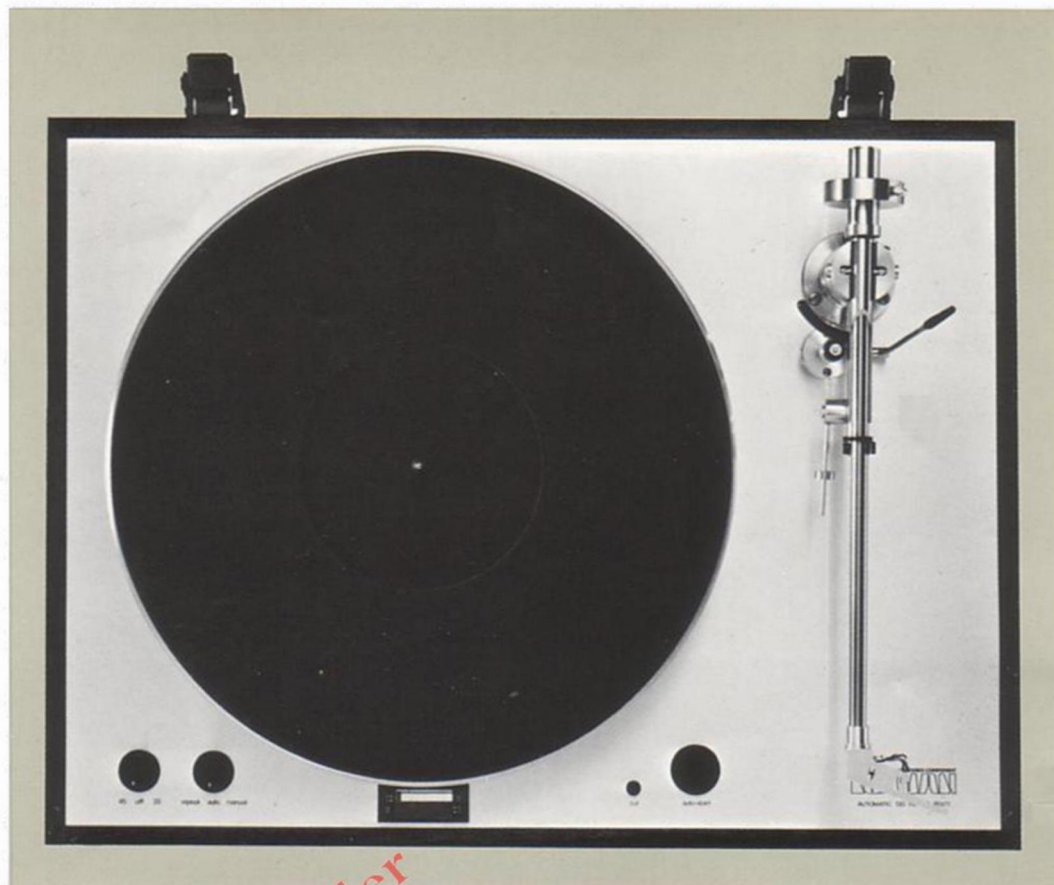
This mat damps not only the disc but the platter itself thanks to its high-density rubber material, and it is exactly inlaid to the platter. Its specially treated surface ensures superb contact to the disc.

Dust Cover

An acrylic resin is used for the dust cover, which provides very smooth surface and excellent result against acoustic feedback. Semi-free-stop hinges make the entire dust cover detachable.

Other Features

The power-on/off & speed selector, manual-auto-repeat selector, and auto-start and cut-off buttons are most logically placed in consideration of human engineering. Also, all the necessary functions are provided such as oil-damped cueing system, inside-force cancellor, etc.



SPECIFICATIONS

[Phono Motor Section]

Driving System:	Direct-Drive System
Motor:	DC-servo brushless & slotless motor
Turntable Platter:	30cm aluminium die-cast (weight 1.8kgs including platter-mat)
Rotation:	33-1/3 rpm, 45 rpm (2-speed)
Adjustable Range of Rotation:	±4%
S/N Ratio:	No less than 60dB (IEC-B)
Wow & Flutter:	no more than 0.03% W.R.M.S.

[Tonearm Section]

Tonearm:	Straight Arm of static balance type
Effective Length:	240mm
Tracking Error:	+2° 13', -1° 08'
Overhang:	15mm
Cartridge Weight:	4g - 11g
Cartridge Height:	16mm ~ 19mm (by use of spacers)
Stylus Pressure:	0 - 3g (direct reading)
Accessories:	Anti-skate Adjustment, Tonearm Elevation

[Additional Features]

Dust Cover:	Detachable with semi-freestop hinge
Stroboscope:	Mirror-reflex type.
Automatic Function:	Auto-Start, Auto-Repeat Cut-Off

[General]

Power Consumption:	12W
Dimensions:	472(W) x 152(H) x 348(D)mm (18-37/64" x 6" x 13-45/64")
Weight:	Net 10kgs (22 lbs.) Gross 12kgs (26.4 lbs.)

Specifications and appearance design are subject to possible change without notice.

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