

# DENON®



## DENON DP-3000NE

### Premium Direct-Drive Turntable

This is the flagship premium direct drive turntable from Denon®. Solid construction and S-shaped tonearm deliver detailed, resonance-free music. And the dark ebony natural wood veneer makes it a beautiful addition to your space.

#### HIGHLIGHTS

#### YOUR BENEFITS

Denon original static balance S-shape tonearm

Features a carefully engineered S-shape tonearm that suppresses vibration and optimizes tracking angle at any point of the record.

Full adjustability

Several adjustment options allow the use of a wide variety of MM or MC cartridges. With 9 mm vertical height adjustment at the tonearm base, the vertical tracking angle can be easily adjusted.

Direct-Drive motor

Simple to use with rotation speed that does not fluctuate, no matter the selected speed or load, and reaches full speed almost instantly. No aging belt to be replaced in the future.

Space Vector PWM motor control

SV-PWM is an algorithm to control the motor's power supply to greatly reduce harmonics and ensures continuous reliable voltage.

Speed selector

Easily play your entire vinyl collection with playback at 33 1/3 rpm, 45 rpm, and 78 rpm.

Cartridge accessories

Denon® original headshell perfectly matches any existing MC Denon cartridge. Can be used with any compatible MM or MC cartridge. A cartridge is not supplied.

Adjustable insulator feet

The feet protect the playback from any vibration picked up from the surface that the turntable is placed on and are also adjustable to bring the platter perfectly in balance.

Dust cover

Features a beautiful, crystal-clear removable dust cover to protect your turntable.



**Denon original static balance S-Shape tonearm**

Features a carefully engineered S-Shape curved tonearm with optimized tracking angle at any point of the record. This newly improved Denon® arm features cartridge weight adjustment, anti-skating adjustment (0-3 g), and a newly developed arm height adjustment (0-9 mm). It gives you full flexibility to customize your turntable to your preferred cartridges or custom mat.

**Direct-Drive motor system**

Follows a long Denon tradition of Direct-Drive motor system, with rotation speed that does not fluctuate no matter the selected speed or load. Simple to use, low maintenance, and reaches full speed almost instantly. Denon released its first Direct-Drive turntable, the DN-302F, for broadcast studios in 1970.

**Space vector PWM motor control**

Space vector pulse with modulation (SV-PWM) is a new design for the motor spinning control. SV-PWM is simply an algorithm used to control the PWM (pulse with modulation) module, which basically powers the motor. SV-PWM greatly reduces harmonics in the motor which can cause overheating and torque fluctuations and offers a continuous reliable voltage and frequency output for long periods of listening at any rotation speed or load via continuous feedback of the rotation speed.

**Adjustable insulator feet**

The feet are key to protect the playback from any vibration picked up from the surface the turntable is placed on. But these feet are also adjustable to bring the platter perfectly in balance for the most accurate tracking of the needle in the groove.

**SMPS power supply**

Switch mode power supply (SMPS) greatly benefits turntables by avoiding the use of a linear transformer, avoiding unnecessary vibrations. It allows integration of the power supply into the turntable, getting rid of any external power transformer or power bricks dangling behind the product. It also avoids voltage and frequency fluctuations from variation in the power grid.



Technical Information	
Drive system	Direct
Motor	16-pole, 12-coil, brushless motor
Control method	PWM Vector
Platter	Aluminium diecast (305mm)
Platter inertia	382 kg/cm <sup>2</sup>
Wow flutter	less than 0.06% JIS
Speed tolerance	less than ± 0.3%
Rumble (S/N ratio)	Over 70dB
Bearing type	Miniature Steel ball bearing
Tone arm	Static Balanced S-Shaped
Arm length	244mm
Overhang	14mm
Offset angle	20.5°
Tracking error angle	2.5° (Max.)
Suitable cartridge weight	Without sub weight: 4-16g With sub weight: 14-26g
Stylus force adjustment	0-2.5g / rotation
High adjustment range	9mm
Anti-skating adjustment	0-3g
Headshell material	Aluminium
Speed tolerance	less than ± 0.3%
Sensitivity	Horizontal: 30mg Vertical: 30mg
Operation	Manual
Speed	33 1/3 / 45 / 78 rpm
Control	Start / Stop

General	
Colours	Dark Ebony
Dimensions	500 × 394 × 185mm (W × D × H)
Weight	18.5kg
Power supply	AC 100-240V, 50/60Hz
Power consumption	<4W
Standby power consumption	Less than 0.3W
Packaging	
Carton maximum dimensions	615 × 515 × 335 mm (W × D × H)
Carton weight	24.0 kg
<b>What's in the box:</b> Platter mat, Dust cover, Power cable, RCA cable and ground cable, Headshell, Overhang gauge, Screw set for cartridge mount (10, 13, 18 mm), 2 × Cartridge spacers (1 mm), 2 × Plastic Washer, Screw driver, Counter weight, Sub-counter weight, Denon EP adapter/weight	
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