

Direct Drive Turntable SL-1200GR2/SL-1210GR2

GRAND CLASS



Taking the sound quality of the widely acclaimed SL-1200/1210GR to the next level by revolutionary application of proprietary digital signal technology to motor control and power supply

Coreless direct drive motor and sophisticated motor control technology for accurate and stable rotation

New motor drive control system based on PWM signal processing and $\Delta\Sigma$ -Modulation for reduced vibrations

Multi-stage silent power supply with noise cancelling circuit inherited from SL-1000R for extremely low noise floor

High-sensitivity aluminium tonearm with height adjustment mechanism

Reworked, purified design and surface quality



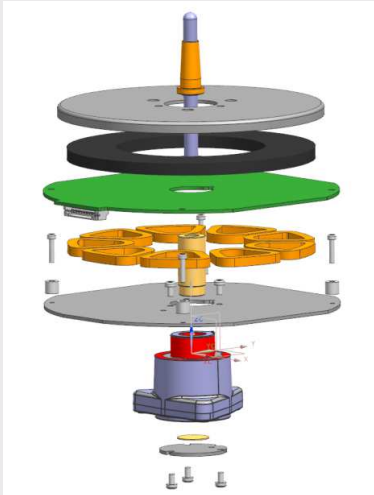
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Tech Story - 1

Coreless Direct Drive Motor and High-accuracy motor control

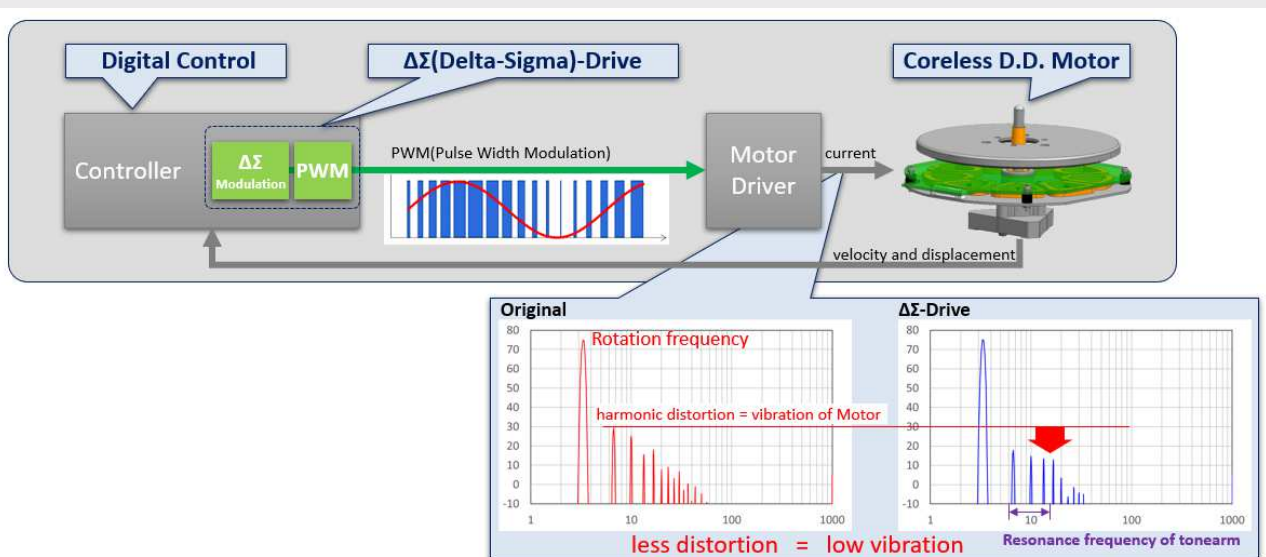


Single-rotor, iron-coreless direct drive motor in which the stator has no core and eliminates the rotation irregularity called cogging. Sophisticated control of the drive motor's rotation speed to ensure highest stability, utilizing the latest motor control technology refined through the development of Blu-ray disc player products

New key technology for Technics turntable: Delta-Sigma($\Delta\Sigma$) Drive

Applying our digital amplifier technology with Delta-Sigma($\Delta\Sigma$) Modulation to the motor drive system, allowing super quiet rotation.

Delta-Sigma($\Delta\Sigma$) Modulation is a high-precision PWM pulses generation method, e.g. used in 1bit D/A conversion.



Tech Story - 2

Multi-stage Silent Power Supply

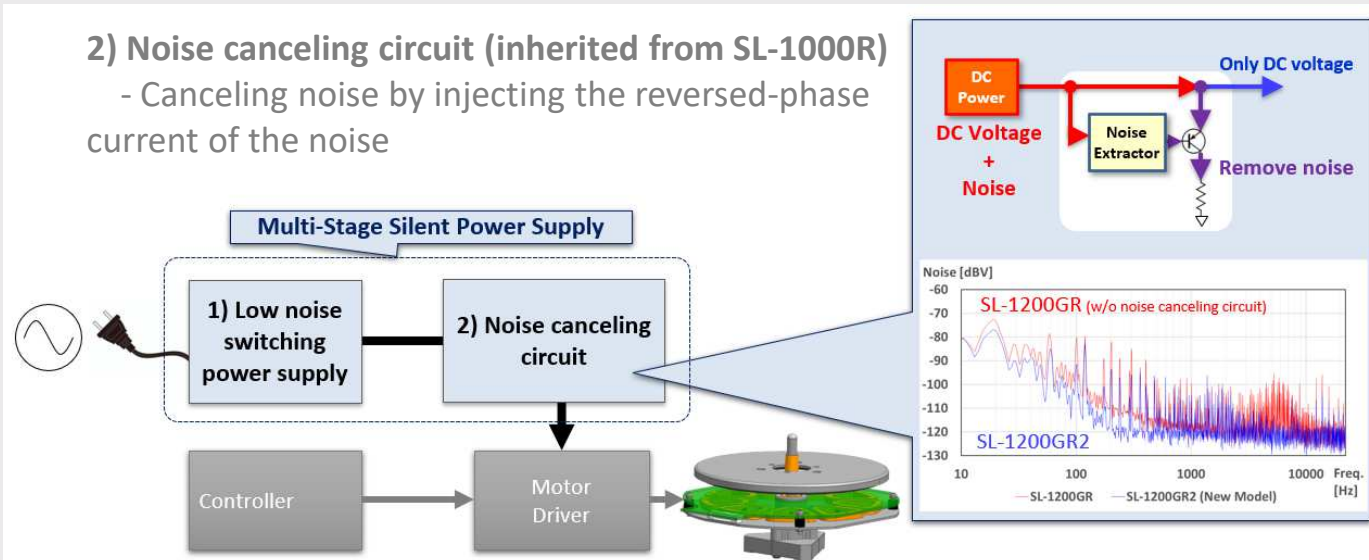
A combination of a low noise power supply and a noise canceling circuit inherited from our reference class turntable SL-1000R achieves even lower noise.

1) Low noise switching power supply

- High-speed and silent switching power supply operating at over 100kHz

2) Noise canceling circuit (inherited from SL-1000R)

- Canceling noise by injecting the reversed-phase current of the noise



Refined Design



SL-1200GR2 (Silver model)

Black resin components changed to metal plated components from 1200G

Changed to head shell with Technics logo at both versions



SL-1210GR2 (Black model)

All components changed to black

Direct Drive Turntable SL-1200GR2/SL-1210GR2

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Criteria	
Turntable Section	
Drive Method	Direct Drive
Motor	Brushless DC motor
Turntable Speeds	33-1/3, 45 and 78 rpm
Pitch Adjustment Range	±8% and ±16%
Starting Torque	2.2 kg·cm
Build-up Characteristics	0.7 s. from standstill to 33- 1/3 rpm
Braking system	Electronic brake
Wow and Flutter	0.025% W.R.M.S.
Turntable Platter	Aluminum diecast Diameter : 332mm Weight : Approx. 2.5kg (Including a rubber sheet)
Type	Static Balance
Effective Length	230mm
Overhang	15mm
Tracking Error Angle	Within 2° 32' (at the outer groove of 30cm(12") record) Within 0° 32' (at the inner groove of 30cm(12") record)
Offset Angle	22°
Arm Height Adjustment Range	0 - 6mm
Stylus Pressure Adjustment Range	0 - 4g (Direct Reading)
Headshell weight	Approx. 7.6g
Applicable Cartridge Weight Range	<without auxiliary weight> 5.6 - 12.0g 3.1 - 9.5g (using cartridge spacer) 14.3 - 20.7g (including head shell) <with auxiliary weight> 10.0 - 16.4g 7.5 - 13.9g (using cartridge spacer) 18.7 - 25.1g (including head shell)
Cartridge Mounting Dimension	12.7 mm (1/2") interval
Head Shell Terminal Lug Terminals	1.2mmφ 4-pin terminal lug
Audio Output	PHONO (Pin Jack) x 1 EARTH TERMINAL x 1
General	
Power Supply	AC220-240 V, 50/60 Hz
Power Consumption	11 W (Power ON) 11 W (ON) 0.3 W (Power OFF) 0.3 W (OFF) *except UK *only for UK
Dimensions (W x H x D) Dimensions (W x H x D)	453 x 173 x 372 mm
Weight	Approx. 11.5kg
Operating temperature range	0°C to +40°C
Operating humidity range	35% to 80% RH (no condensation)
Accessories	Turntable, Turntable sheet, Dust cover, EP record adaptor, Balance weight, Auxiliary weight, Cartridge spacer Head shell, Overhang gauge, Screw set for cartridge, PHONO cable, PHONO earth lead, AC power supply cord, Owner's Manual

SL-1200GR2EGS | EAN: 5025232953790
SL-1210GR2EGK | EAN: 5025232953905

SL-1200GR2EBS | EAN:
SL-1210GR2EBK | EAN:

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Technische Änderungen und Irrtümer vorbehalten. Stand: 09 / 2022

Technics ist der Markenname für High-End Audioprodukte und ein eingetragenes Warenzeichen der Panasonic Corporation.

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