

Technics SL-1210GEG-K Black Gramofon sa direktnim pogonom

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Fusing Technics' traditional analogue and leading-edge digital technologies

The Technics SL-1210G combined Technics' traditional analogue technology and advanced digital technology, while redesigning parts throughout. Its outstanding performance literally rocked the hi-fi market and redefined the reference for direct-drive turntables. Parts that were inherited from the SL-1210G were newly developed for the SL-1210GR, beginning with the coreless direct-drive motor and precise motor control technology that eliminated the cogging that originated from rotation irregularity, and including a low-vibration, high-rigidity platter and high-sensitivity tonearm. By these measures, the level of performance clearly outperforms the usual standards of its class. The SL-1210GR invites more audio enthusiasts to enjoy music with the rich, robust sound of analogue records.

Coreless Direct Drive Motor

Conventional analogue turntables have problems with degradation in sound quality caused by factors such as minute speed vibration during rotation and rotation irregularity called "cogging." In the SL-1210G, the use of a newly developed coreless direct-drive motor with no iron core eliminates cogging. Also, the twin-rotor construction reduces the bearing load while maintaining high torque and also reduces minute vibration during rotation. These factors enable reproduction of the warm, exquisitely detailed sound etched on analogue records.

High-precision Motor Control Technology

The application of motor control technology developed for Blu-ray devices and switching the drive mode depending on the operational status of the motor achieve a high-starting torque and high-speed stability.

Three-layered Turntable Platter

The turntable has a three-layered construction with a rigidly combined brass and aluminium die-cast platter. With a deadening rubber covering its entire rear surface to eliminate unnecessary resonance, thereby achieving high rigidity and vibration damping. This delivers smooth rotational stability and inertial mass surpassing the SP-10MK2, the direct-drive turntable standard used by broadcast stations worldwide, as well as having more than twice the inertial mass of the SL-1200MK5.

High-level Balance Adjustment

When the weight distribution of the turntable is uneven, excess vibration or noise occurs during rotation, which causes degradation in sound quality. Therefore, the balance of the turntable is adjusted at the factory by using specialized high-precision balance adjustment equipment for each and every item after the turntable is assembled. Turntables that have undergone adjustment are labelled with a sticker reading "BALANCED" to indicate that adjustment has been done.

High-sensitive Tonearm

The tonearm employs lightweight magnesium which has a high damping effect, with cold drawing improving the characteristics of the material and achieving the high-precision required. In addition, high initial-motion sensitivity is attained by employing the traditional Technics gimbal suspension construction with horizontal rotation axis and the vertical rotation axis intersecting at a single central point, as well as high-precision bearings using a cut-processed housing.

Four-layered Cabinet Construction

A hairline-processed, 10-mm-thick top panel of immaculate aluminium has been added to the previous three-layered construction of aluminium die-cast, BMC, and heavyweight-class rubber on the SL-1200MK5. This four-layered construction combines high rigidity with a high-quality finish and feel.

High-quality Terminals

The use of brass-milled, gold-plated phono terminals and ground terminals prevent degradation in sound quality while enabling the easy attaching and detaching of cables. Also the use of metal shielding construction inside the case reduces the effects of external noise.

Turntable section	
Type	Direct Drive Manual Turntable
Turntable Speeds	33-1/3, 45 and 78 r/min
Adjust Range	±8 %, ±16 %
Starting Torque	3.3 kg-cm
Build-up Characteristics	0.7 s. from Standstill to 33-1/3 r/min
Wow And Flutter	0.025 % W.R.M.S.
Rumble	78 dB (IEC 98A weighted)

Turntable Platter

Aluminium diecast
Diameter : 332 mm
Weight : Approx. 2.5 kg (Including rubber mat)

Tonearm Section

Type

Universal Static Balance

Effective Length

230 mm

Overhang

15 mm

Tracking Error Angle

Within 2° 32' (at the outer groove of 30 cm record)
Within 0° 32' (at the inner groove of 30 cm record)

Offset Angle

22°

Arm-height Adjustment Range

0 - 6 mm

Stylus Pressure Adjustment Range

0 - 4 g (Direct Reading)

Head Shell Weight

Approx. 7.6 g

Applicable Cartridge Weight Range

(without auxiliary weight)
5.6 - 12.0 g
14.3 - 20.7 g (including head shell)
(with auxiliary weight)
10.0 - 16.4 g
23.0 - 28.5 g (including head shell)

Cartridge Mounting Dimension

JIS 12.7 mm (1/2") interval

Head Shell Terminal Lug

1.2 mmf 4-pin terminal lug

Terminals

Audio Output

PHONO (Pin Jack) x 1, EARTH TERMINAL x 1

General

Power Supply

AC 110 - 240 V, 50 / 60 Hz

Power Consumption

11 W Approx. / 0.2 W (Standby)

Dimensions (W x H x D)

453 x 173 x 372 mm

Weight

Approx. 18 kg

Accessories

Turntable, Turntable Mat, Dust Cover, EP Record Adaptor, Balace Weight, Auxiliary Weight Small, Auxiliary Weight Big, Head Shell, Overhang Gauge, Screw Set for Cartridge, PHONO Cable, PHONO Earth Lead, AC Mains Lead, Screw Set for Turntable, Owner's Manual