



Direct Drive Turntable System

# Premium Class SL-1500C

Rediscover Music

**Technics**

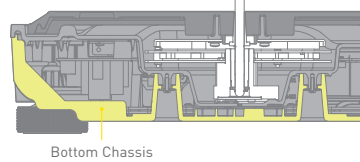
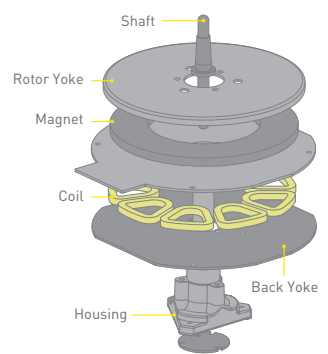


A complete direct drive turntable system  
inheriting the high-sound-quality technology of  
Technics' acclaimed direct drive system

The SL-1500C inherits the brand's high-end sound quality concept and adds a host of original Technics technologies, such as a coreless direct drive motor and high-sensitivity tonearm. To simplify the playing of analogue records, the built-in Phono EQ connects to a wide variety of devices. The SL-1500C also comes equipped with a high-quality Ortofon 2M Red phono cartridge. The SL-1500C is a complete turntable system designed for a wide range of users, even outside of strictly dedicated audio enthusiasts.

### The Latest Coreless Direct Drive Motor Achieves High-precision Stable Rotation

The technologies acquired through the development of the SL-1200 Series and the high-end SL-1000R model were lavishly inserted into the motor drive unit, a key part of the turntable. The motor exclusively tunes the single-rotor, coreless direct drive motor adopted by the SL-1200GR in order to read the high rotation accuracy and high-precision signals of the record. Optimal motor control is conducted for the inertial mass of the two-layer structure platter on which the vinyl record is placed with deadening rubber on the entire back surface to eliminate unwanted resonance in the aluminium die-cast platter to eliminate the rotation irregularity called cogging. The aluminium die-cast chassis is rigidly integrated with a special material consisting of ABS mixed with glass fibre to provide optimal vibration-damping characteristics. The tonearm is a static-balance universal S-shape tonearm, another Technics tradition. By adopting a high-precision bearing using the same gimbal suspension construction and machined housing as the SL-1200 Series, high initial sensitivity is achieved. In addition, reliability has been improved by incorporating a removable power cable and gold-plated terminals, which have less sound quality degradation, for the PHONO and LINE terminals.



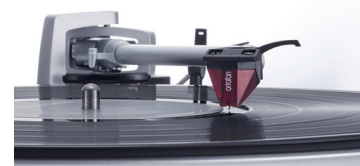
### Complete Turntable with a Built-in Phono Equalizer and Cartridge

In order to enjoy playing analogue records more comfortably, the SL-1500C features a built-in phono equalizer and bundled cartridge. There is no need to separately prepare either one, making it easy to link with a wide range of audio equipment. The shield structure of the built-in phono equalizer suppresses the effects of external noise and noise from the power supply. It is also equipped with a switch to turn the LINE output off when it is not being used. The turntable has been designed to thoroughly shut-out adverse effects to the PHONO output. The dedicated power supply for the PHONO output terminal is isolated from the power supply for the LINE output terminal, and has been designed to prioritise sound quality by minimising the wiring of the PHONO signal. The isolated terminals also prevent wiring mistakes. An Ortofon 2M RED cartridge, which is highly acclaimed as an MM cartridge, has been selected for the bundled cartridge. Combining this high-quality cartridge with the performance of the SL-1500C will maximise the sound quality of vinyl records.



### Equipped with an Auto Lifter Function that Allows You to Enjoy Playing Records More Comfortably

When the tonearm reaches the end of the record, the Auto Lifter function automatically raises the cartridge. This prevents unnecessary wear on your valuable vinyl records and stylus. By embedding the Auto Lifter function in the base portion of the tonearm, it eliminates impacts to the tonearm. Due to a simple design that doesn't use motor power, there is no electrical or vibrational impact and it will not prevent the movement of the tonearm. In response to requests from many users regarding the Auto Lifter function, a design that prioritises sound quality was adopted. The functions required to playback records were kept to a bare minimum, achieving simple and easy-to-use operability.



### Simple Design with Functional Beauty

The SL-1500C sports a simple design without unnecessary frills, while retaining the superb operating feel that is a Technics tradition. The attractive appearance lets you enjoy playing records to your heart's content.





## Direct Drive Turntable System SL-1500C



### Turntable Section

#### Type

Direct Drive Manual Turntable

#### Turntable Speeds

33-1/3, 45, 78 rpm

#### Starting Torque

0.18 N·m / 1.8 kg·cm (1.56 lbs·in)

#### Build-up Characteristics

0.7 s. from standstill to 33-1/3 rpm

#### Wow And Flutter

0.025 % W.R.M.S.

#### Turntable Platter

Aluminium diecast  
Diameter: 332 mm (13-5/64 inch)  
Weight: Approx. 2.0 kg (4.5 lbs)  
(including turntable sheet)

### Tonearm Section

#### Type

Universal Static Balance

#### Effective Length

230 mm (9-1/16")

#### Overhang

15 mm (19/32")

#### Tracking Error Angle

Within 2° 32' [at the outer groove of 30 cm (12") record]  
Within 0° 32' [at the inner groove of 30 cm (12") 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  
18.7 - 25.1 g (including head shell)

#### Head Shell Terminal Lug

1.2 mm $\phi$  4-pin terminal lug

### Terminals

#### Audio Output

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

### General

#### Power Supply

AC 120 V, 60 Hz

#### Power Consumption

8 W  
Approx. 0.2 W (standby)

#### Dimensions (W x H x D)

453 x 169 x 372 mm  
17-27/32 x 6-21/32 x 14-21/32 inch

#### Weight

Approx. 9.9 kg/21.2 lbs

#### Accessories

Turntable, Turntable sheet, Dust cover,  
EP record adaptor, Balance weight,  
Auxiliary weight, Head shell,  
Cartridge (Ortofon 2M Red), PHONO cable,  
PHONO earth lead, AC power supply cord,  
Owner's Manual

Technics is a brand name of the Panasonic Corporation

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