

SANSUI SR2050C



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Archiv Michael-Otto*

PRECISION 2-SPEED BELT-DRIVE AUTOMANUAL TURN- TABLE

This striking model is strictly for the purist looking for the simplicity and accuracy of a manual turntable with the basic convenience of an automatic. Incorporating two of Sansui's latest engineering breakthroughs—Auto Lift/Stop mechanisms—the SR-2050C substantially adds to the convenience of the manual turntable without sacrificing any of its accuracy. Like most automatics, the SR-2050C's tonearm automatically lifts from the final groove of the record in play. But unlike conventional automatics which take advantage of increasing end-of-play tonearm speed to trigger the lifting device, the SR-2050C's Auto Lift mechanism is entirely electrical and is set in motion by a special detector circuit which activates a relay/solenoid control system. Its advantages are considerable. There is absolutely no danger to valuable records or stylus due to undesirable side pressure

caused by pulling. The lightest tracking cartridges can be used since the tonearm does not activate the lifting mechanism, and there are no devices used that could deteriorate the performance of the tonearm. The Auto Stop mechanism in the SR-2050C automatically stops the platter as soon as the tonearm is lifted from the record. Basic motions, such as precision belt-drive, speed selection and hydraulic cuing are identical to those in professional manual turntables. Complete with statically balanced tonearm, easy-to-use controls, anti-howling insulators and encased in handsome walnut, the Automanual SR-2050C represents one of the finest stereo investments available today. As the SR-2050C, it is complete with cartridge but it is also available as the SR-2050E, without cartridge.

SR-2050C Complete with Induced Magnet Cartridge

SR-2050E Without Cartridge

Sansui

AUTO LIFT/STOP: The SR-2050C is equipped with Sansui's unique Auto Lift/Stop mechanism, a relay/solenoid controlled system which represents a substantial improvement over conventional automatic lift devices. It eliminates possible damage to records and stylus, permits the use of light-tracking cartridges and does away with the need for devices which could deteriorate tonearm performance. The Auto Stop element halts platter rotation as soon as the electrically operated Auto Lift element has been triggered. The mechanism can be adjusted to suit the size of the record being played.

BELT-DRIVEN DOUBLE-RIM PLATTER: The belt-drive system ensures even, smooth rotations with a minimum of noise and rumble. Utilizing a heavy 12-inch aluminum alloy die-cast platter of the double-rim type to obtain a maximum flywheel effect, this system permits the platter to be directly driven by the motor, keeping frictional and rotational parts to a bare minimum. With this design there is also far less chance of breakdowns.

FOUR-POLE SYNCHRONOUS MOTOR: The SR-2050C is equipped with a quality 4-pole synchronous motor that quietly maintains constant speeds in the face of fluctuations in line voltage or load. No fine-adjustments of speeds are ever necessary. Special consideration has also been given in the position and method of mounting the motor to obtain an exceptional signal-to-noise ratio.

SANSUI'S ORIGINAL BELT PROTECTION SYSTEM: First devised and adopted by Sansui, this system eliminates any possibility of deformation to the drive belt by automatically interlocking the speed changeover mechanism when the Power Switch is turned off.

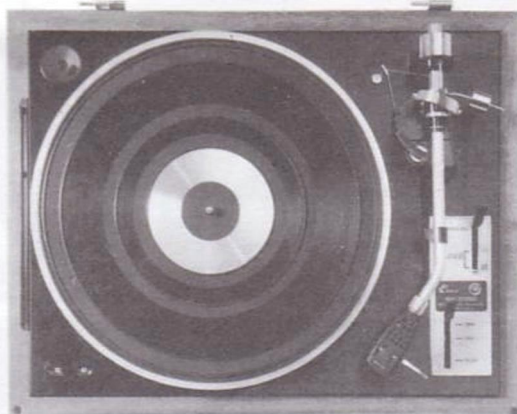
PUSHBUTTON SPEED CONTROLS: Either of the two available speeds is simply selected by pushing the appropriate light pushbutton speed control. Designed from the standpoint of human engineering, both controls permit the selection of the right speed with certainty even in the darkness.

FEATHER-TOUCH CUEING CONTROL: The SR-2050C boasts a feather-touch cueing control that doubles as a power switch. Lift it upright, and the turntable quietly starts to rotate; pull it further toward yourself, and the built-in oil-damped tonearm lifter gently lowers the tonearm on the record. When the Auto Lifter mechanism is triggered, this control is automatically returned to the OFF position.

STURDY ZINC DIE-CAST BASE FOR CONTROLS: This die-cast base avoids resonance, yet firmly supports the tonearm and oil-damped arm elevation mechanism. Reinforced with special ribs, it offers extraordinary strength, and completely eliminates the possibility of warping or breaking.

SPECIFICATIONS

TYPE	2-speed, belt-driven turntable with Auto Lifter, Auto Stop
PLATTER	Aluminum alloy die-cast, 12" (301mm) ϕ , 2.9 lbs. (1.2kg)
MOTOR	4-pole synchronous
POWER REQUIREMENTS	100/115/130/200/230/250V, 50/60Hz
SPEEDS	33 $\frac{1}{3}$, 45 rpm
S/N RATIO	better than 40dB



GOLD-PLATED CONNECTION TERMINAL

PINS: Expensive gold-plated pins are employed on the connection terminals of both the tonearm and the head shell. Overcoming one of the weaknesses of past turntables, the new connection terminals no longer get rusty even in warm areas or areas along ocean coasts.

EXPENSIVE SHELL PROVIDED: The SR-2050C is supplied with an expensive shell made of a special light alloy. Large holes are punched in its top surface to make it as light (8 grams) as possible; its edge is specially bent to serve as a reinforcement rib for added strength; and the part that couples to the cartridge is double constructed to avoid resonance. Its gold-plated connection terminals are fashioned as a plug meeting EIA standards, and can be coupled to tonearms of other makes.

INDUCED MAGNET CARTRIDGE: The SR-2050C adopts a newly designed induced magnet cartridge that delivers sound of superior tone quality without distortion. It is equipped with a linear type magnet, and its moving part is exceptionally light. The resulting high compliance design makes for a significantly better high-frequency response. Other advantages include a big output voltage and the capability of delivering high-resolution transparent sound.

POWER INDICATOR LAMP: The SR-2050C is provided with a lamp that glows whenever the turntable is in operation.

HOWLING-PREVENTION INSULATORS: Special rubber cushion insulators are attached on the four corners of the bottom of the cabinet to prevent howling.

BEAUTIFUL WALNUT CABINET: Like most Sansui products, the SR-2050C makes use of an expensive, open-pore finished walnut cabinet.

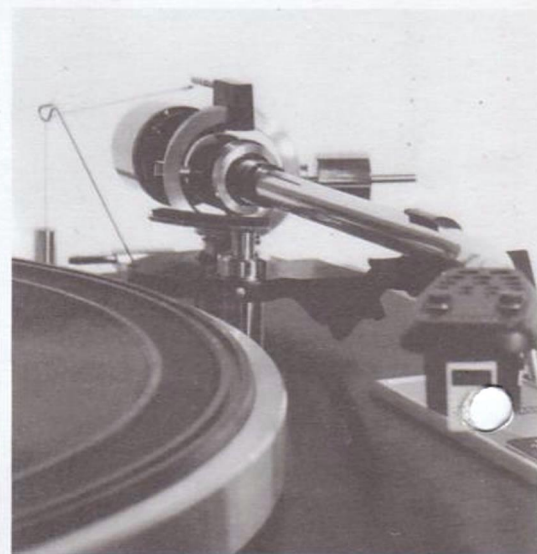
REMOVABLE SMOKED DUST COVER: The unit comes complete with a smoked acryl dust cover that can be opened or closed single-handedly. For safety, it renders itself removable only when opened to a certain angle.

WOW TONEARM

ARM LENGTH	less than 0.07%
OVERHANG	statically balanced tubular, with inside force canceler, lateral balancer, direct readout stylus pressure scale
TRACKING ERROR	8 $\frac{1}{2}$ " (220mm)
CARTRIDGE	1 $\frac{1}{2}$ " (15mm)
FREQUENCY RESPONSE	$\pm 1.5^\circ$ max. Induced magnet type
	20-20,000Hz

ANTI-STATIC PLATTER MAT: Smooth edged, this rubber sheet protects valuable records and prevents electrifying them when placed upon the platter.

SENSITIVE, STATICALLY BALANCED TONE-ARM: This statically balanced tubular tonearm offers exceptional sensitivity as a result of minimized frictional resistance and inertia efficiency of rotary parts. The employment of ultra-precision angular contact type bearings also aids in giving it an exceptional tracking capability in both vertical and horizontal directions.



DELAY-MOTION OIL-DAMPED ARM ELEVATION MECHANISM:

The SR-2050C adopts a newly designed delay-motion oil-damped piston utilizing both spring and oil to overcome the weaknesses of conventional arm elevation mechanisms. The new mechanism resists rugged temperature variations and prevents oil from oozing out even if handled carelessly. Even if the cueing control is abruptly switched on and off, the tonearm no longer 'dances' above the record.

PRECISION BALANCING MECHANISMS: Equipped with a lateral balancer and an inside force canceler, the tonearm can be readily balanced with absolute precision.

DIRECT READOUT ROTARY STYLUS PRESSURE WEIGHT: Once the tonearm is balanced, the required stylus pressure (tracking force) can be readily applied by turning and moving the direct readout rotary weight to the appropriate marking in graduated steps of 0.5 grams. This makes possible the application of the necessary stylus pressure with absolute precision.

OUTPUT VOLTAGE	5mV
CROSSTALK	better than 25dB (at 1kHz)
OPTIMUM STYLUS PRESSURE	2 grams
STYLUS	0.5 mil diamond
STYLUS COMPLIANCE	7 $\times 10^{-6}$ cm/dyne
LOAD RESISTANCE	50k Ω
DIMENSIONS	7 $\frac{1}{2}$ " (190mm)H $\times$ 17 $\frac{3}{4}$ " (442mm)W $\times$ 13 $\frac{3}{8}$ " (352mm)D
WEIGHT	26 lbs. (11.8kg)