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SANSUI SR2050C



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 cueing 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 HYSTERESIS 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 CUING CONTROL: The SR-2050C boasts a feather-touch cuing 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.

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 SPARE SHELL PROVIDED: The SR-2050C is supplied with an expensive spare 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 light cantilever so that 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.

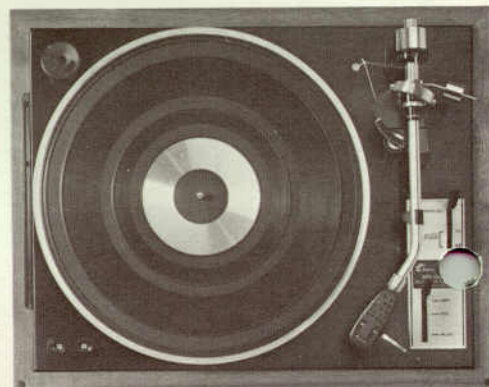
HOWLING-PREVENTION INSULATORS: Special rubber cushion insulators are attached on the four corners of the bottom of the cabinet to prevent howling.

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 acrylic dust cover that can be opened or closed single-handedly. For safety, it renders itself removable only when opened to a certain angle.

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

SENSITIVE, STATICALLY BALANCED TONEARM: With the minor exception of how the cuing control is attached, this tonearm is identical to the Sansui TA-2050 which is covered in detail at the right. Standard with the SR-2050C, this tonearm is also available as a separate item.



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

WOW	less than 0.07%
TONEARM	statically balanced tubular, with inside force canceler, lateral balancer, direct read-out stylus pressure scale
ARM LENGTH	8 $\frac{3}{4}$ " (220mm)
OVERHANG	$\frac{1}{8}$ " (15mm)
TRACKING ERROR	$\pm 1.5^\circ$ max.
CARTRIDGE	Induced magnet type
FREQUENCY RESPONSE	20—20,000Hz

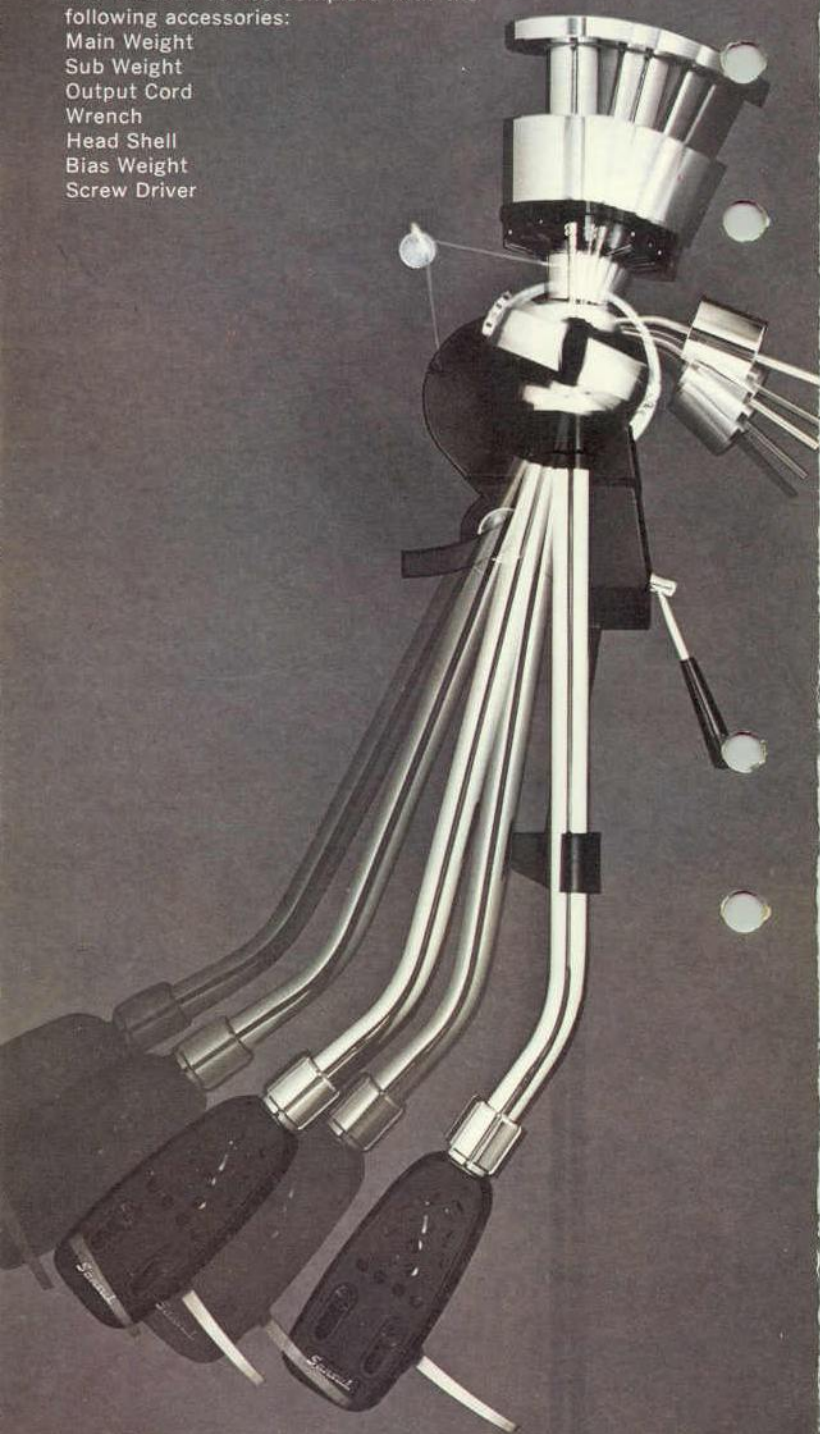
OUTPUT VOLTAGE	5mV
CROSSTALK	better than 25dB (at 1kHz)
OPTIMUM STYLUS PRESSURE	2 grams
STYLUS	0.5 mil diamond
STYLUS COMPLIANCE	7×10^{-6} cm/dyne
LOAD RESISTANCE	50k Ω
DIMENSIONS	7 $\frac{1}{2}$ " (190mm)H $\times$ 17 $\frac{1}{2}$ " (442mm)W $\times$ 13 $\frac{1}{2}$ " (352mm)D
WEIGHT	25.9 lbs. (11.8kg)

TA2050

SEPARATELY AVAILABLE STEREO TONEARM This is the high quality, precision-made TA-2050 stereo tonearm, virtually identical to the one that is standard equipment on the distinguished SR-2050C turntable, but now available as a separate item for those who desire the ultimate in sensitivity, tracking accuracy, tonal quality and service life. The only real difference between the TA-2050 and the tonearm of the SR-2050C is that the TA-2050's cuing control is integrated in its mounting base. Radiating functional beauty, the TA-2050 is easily mounted on any quality turntable assembly, and will pay rich stereo dividends to its proud owners.

The TA-2050 comes complete with the following accessories:

- Main Weight
- Sub Weight
- Output Cord
- Wrench
- Head Shell
- Bias Weight
- Screw Driver



LIGHT, SENSITIVE INSTRUMENT: The sensitive TA-2050 offers excellent resistance against bending and twisting, and expels proper resonance outside of the audible frequency range. Very light, it allows the stylus to track the record groove faithfully at an angle of 15 degrees to the record surface.

ALUMINUM ALLOY HEAD SHELL: Designed to avert record-damaging "skips," the headshell of the TA-2050 is made of specially light punched aluminum alloy. Its edge is specially bent for increased rigidity and to help eliminate resonance, and the connecting plug, meeting the EIA standard, has special gold-plated, long-lasting terminals to assure safe connection.

OIL-DAMPED ARM LIFTER: The TA-2050 is complete with a silicon oil-damped arm lifter. A device that gently lowers and raises the tonearm on the record, it permits even beginners to handle the tonearm without fear of damaging record or stylus.

INSIDE FORCE CANCELER: Designed from the standpoint of acoustics, dynamics and engineering to eliminate disruptive inside force, the TA-2050's inside force canceler (or anti-skating device) is free of the inertia of the tonearm, and can be adjusted easily in proportion to the tracking force.

MAIN WEIGHT: The helicoid main weight can be rotated very easily to achieve horizontal balance and also to produce a stylus pressure of 0.5 to 3 grams in direct read-out 0.5 grams steps.

SUB WEIGHT: To permit using the tonearm with a heavy 14 to 19 grams cartridge, the TA-2050 is equipped with a sub weight to aid in horizontal balancing.

LATERAL BALANCER: The TA-2050 is complete with a lateral balancer to permit accurate adjustment of the lateral balance of the tonearm.

FRICTION-FREE BEARINGS: The TA-2050's bearing mechanism ensures friction-free vertical and horizontal rotary movements of the tonearm, enabling it to offer the same movement in every direction in the record groove.

ADJUSTABLE TONEARM HEIGHT: The TA-2050 can be secured at any desired height simply by moving it up or down and tightening the height adjustment screws.

PLUG-IN OUTPUT PLUG: The output cord for the tonearm has a 5-pin plug which only need be inserted into the output socket inside the tonearm base. No messy soldering is needed.

SPECIFICATIONS

- TYPE: Static balanced
- OVERALL LENGTH: 302.4mm (11 7/8 inches)
- EFFECTIVE LENGTH: 220mm (8 3/4 inches)
- ADJUSTABLE HEIGHT RANGE: 67~115mm (2 11/64 ~ 4 1/2 inches)
- OVERHANG: 15mm (3/4 inches)
- TRACKING ERROR: $\pm 1.5^\circ$
- SELF WEIGHT OF SUITABLE CARTRIDGE: 5-14 grams (up to 19 grams by use of sub weight)
- SELF WEIGHT OF HEAD SHELL: 9.1 grams (29.3 ounces)
- TRACKING FORCE ADJUSTABLE RANGE: 0-3 grams (0-9.6 ounces), direct readout
- ACCESSORY DEVICES: Inside force canceler, lateral balancer, silicon-damped arm lifter
- HEAD CONNECTOR: EIA Standard 4pin connector

