

# SANSUI SR3030BC

Sansui®

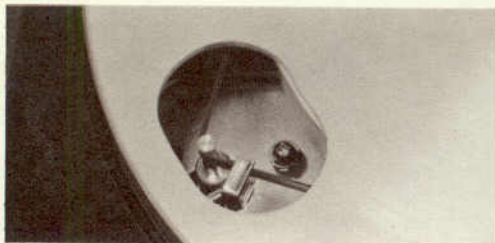


**TWO-SPEED MANUAL TURNTABLE** By whatever standard you care to judge it—tone quality, precision performance or functional styling—the Sansui SR-3030BC is one of those rare components that merits serious consideration by anyone who values traditional craftsmanship and uncompromised engineering. It combines a large 12-inch platter, a newly designed hysteresis synchronous motor and Sansui's exclusive direct belt-drive system for steady, unwavering speeds at  $33\frac{1}{3}$  and 45 rpm, without rumble and noise. Better tracking and pickup characteristics are assured by its non-resonant, statically-balanced tubular tonearm with induced magnet cartridge. The tonearm is complete with sliding weights, a direct-reading stylus pressure scale and an inside force canceler, a special balancing weight mechanism that guarantees optimum stereo pickup, reduced record wear and longer stylus life. Other features that make the SR-3030BC one of the world's truly great turntables are its built-in hydraulic cueing device, diecast motorboard and oil-finished walnut cabinetry. By whatever standard you care to judge it, the Sansui SR-3030BC is an exceptional stereo component which carefully reflects the world's highest standards of audio engineering.

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**DIRECT BELT-DRIVE SYSTEM:** Exclusive with Sansui, this system features a precision finished polyurethane endless belt that loops around the inner rim of the platter and the motor capstan. It provides constant and accurate speeds over longer periods of continuous use without rumble or wow. Unlike conventional belt-drive systems, this belt is easily removed for replacement and is protected against deformation by a special lock mechanism when the turntable is not in use. In addition, the belt's aging, abrasion and temperature resistance characteristics are excellent.



**LONG CENTER SPINDLE:** Featuring the longest center spindle in its class, the SR-3030BC's platter is designed free from deflecting—even micrometrically—from a perfectly horizontal position. The spindle's pivot bearing is made of stronger-than-metal Teflon for longer life.

**HYDRAULIC CUEING:** To eliminate the possibility of damaging records and to protect the sensitive cartridge, the SR-3030BC features a unique oil-damped arm lifter that lowers and raises the tonearm at an even, steady speed. This device also allows the operator to start or stop play anywhere on a record.



## SPECIFICATIONS

**TURNTABLE:** 31cm (12 $\frac{1}{4}$ ") diameter aluminum alloy diecast turntable  
**DRIVE MOTOR:** 4-pole hysteresis synchronous capacitor-starting motor  
**POWER REQUIREMENT:** 100V 20VA, 117V 19VA or 230V (usable 200 to 240V) 18VA, 50 or 60 Hz  
**SPEED:** 33 $\frac{1}{3}$  and 45 r.p.m.  
**SIGNAL-TO-NOISE RATIO:** better than 45 db  
**WOW AND FLUTTER:** less than 0.09%  
**TOEARM:** Static-balanced type tubular arm.  
**TRACKING ERROR:** less than  $\pm 1^\circ$



**TURNTABLE:** For optimum flywheel action, the SR-3030BC is equipped with a large 12-inch double rimmed platter. It is directly driven by the polyurethane belt looped around its inner rim and is covered by a special anti-static rubber mat that avoids charging records with dust-attracting static electricity.

**DIECAST MOTORBOARD:** To eliminate motor vibration which might affect sound reproduction, the entire turntable mechanism is mounted on a sturdy diecast motorboard.

**CONVENIENT CONTROLS:** Two speed selector buttons and a single function lever handle all playing functions. Just move the lever control from Off to On, push the proper speed button, position the tonearm above the record, and then move the lever control from On to Play. When play is finished, move the lever control from Play to On, return the tonearm to its rest position, and then move the lever control from On to Off.

**INSIDE FORCE CANCELER:** A precision mechanism consisting of an arm and a suspended balancing weight that compensates for the natural inside force given to the tonearm during play. Coupled with the weights on the tonearm that determine stylus pressure, this mechanism assures that the stylus stays perfectly centered in the record groove during play for surer tracking, better pickup and longer record and stylus life.

**STYLUS PRESSURE:** 0 to 2.5 grams (direct reading gram-scale with  $\frac{1}{2}$ -gram markings)  
**CARTRIDGE:** induced-magnet type cartridge  
**FREQUENCY RESPONSE:** 15–20,000 Hz  
**OUTPUT BALANCE:** less than 1.5 db  
**CHANNEL SEPARATION:** better than 30 db at 1,000Hz  
**OUTPUT VOLTAGE:** 5 mV  
**STANDARD LOAD RESISTANCE:** 50 K  $\Omega$   
**STANDARD STYLUS PRESSURE:** 1.5 to 2.0 grams  
**STYLUS COMPLIANCE:**  $17 \times 10^{-6}$  cm/dyne  
**STYLUS:** 0.5 mils diamond spherical

**STYLING:** Designed to compliment the finest furnishings, the SR-3030BC's beautifully curved tonearm, oil-finished cabinetry and molded acrylic dust cover make it as pleasing to the eye as it is to the ear.

**ACCESSORY PANEL:** To the right of the SR-3030BC's tonearm panel, a special section has been provided for spare cartridges, weights and other accessories. It is covered by a foam rubber mat to protect the sensitive accessories.

**TUBULAR TONEARM:** Since its weight, frictional resistance and inertia have been minimized by design, the SR-3030BC's non-resonant, statically-balanced tubular tonearm is exceptionally sensitive. It comes equipped with two weights: a main weight featuring a direct reading stylus pressure scale and a sub-weight for use with unusually heavy cartridges. The main weight enables stylus pressure adjustments to be made quickly and accurately by offering both "click-stop" and "turning" adjustment methods. The universal type cartridge shell and bayonet fitting shell connector of international standard make it possible to use almost any make of cartridge.



**4-POLE SYNCHRONOUS MOTOR:** This newly developed hysteresis synchronous motor brings a new standard in speed consistency into the turntable field. Capable of operating on either 50 or 60 Hz and on AC voltages from 100 to 117 and from 200 to 240, this capacitor-starting powerplant maintains steady speeds at all times since it is not affected by changes in line and/or load voltages.

**ACCESSORY EQUIPMENT:** Oil-damped arm lifter controlled by the power switch lever. Stylus pressure direct-reading scale. Subweight for use with exceptionally heavy cartridges. Interchangeable plug-in head.  
**WOOD BASE:** Walnut open-pore finish with molded acrylic dust cover  
**DIMENSIONS:** 6 $\frac{3}{4}$ "H  $\times$  20 $\frac{1}{2}$ "W  $\times$  14 $\frac{1}{4}$ "D  
**WEIGHT:** 18.7lbs.

*Sansui*<sup>®</sup>

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