

SANSUI SR535

AUTOMATIC DIRECT-DRIVE TURNTABLE



Sansui wants everyone to enjoy hi-fi music with the minimum possible noise, distortion and inconvenience. That's why the Sansui SR-535 *automatic* direct-drive turntable puts the emphasis on pure hi-fi performance and true handling ease.

Accuracy of platter rotation, and a strong, anti-howl construction, give the Sansui SR-535 outstanding characteristics in the musical department. The direct-drive motor

is a high-torque type and the special tonearm has a unique support to ensure delicate performance. Record reproduction is always clean and pure.

One simple control, the Auto/Manual Play Lever, does all the work. Put a record on the platter, set the record-size selector and pull the lever once: the tonearm is lifted, moved and gently lowered to the lead-in groove; when the record ends, the arm

is returned to its rest and power shuts off automatically. The same lever permits manual play when desired. More convenience is offered in the Repeat facility, permitting you to select one to five replays, or infinite replay. Ask to hear the SR-535 in action at your favorite audio showroom. It's one of the most attractively-priced turntables ever offered by Sansui, where it's *all* hi-fi.

Only hi-fi, everything hi-fi.

Sansui

THE SANSUI SR-535: Fully Automatic Operation, New Stabilized Tonearm and a Pleasing Price



AUTOMATIC OPERATION

Very Simple to Use

One control knob does it all. The jumbo-sized Auto/Manual Play Lever has three positions of MANUAL ON, OFF, AUTO START/STOP. For a single automatic play, you simply place a record on the platter and gently pull the Auto/Manual Lever into the AUTO START/STOP position. The tonearm lifts automatically as the platter begins to spin, the stylus is placed over the lead-in groove of the record, and the tonearm descends to begin play. If you desire to interrupt play at any time, simply pull the lever again, or you may wait till the record ends. In either case, the arm is automatically lifted and returned to its rest, and power is switched off, all without your assistance.



When manual play is desired, simply set the control lever to the MANUAL ON position. When the platter begins to rotate, move the stylus to over the part of the record you want to hear. An oil-damped Cueing Lever is provided to help you avoid damaging your valuable records. As in Auto Play, the Manual position on the lever allows the automatic-return mechanism to return the tonearm to its rest.

Additional Convenience: Auto Repeat

The Repeat control on the SR-535 is a convenience you'll learn to appreciate all the more with use. In the OFF position it sets the turntable in auto-return mode. Or, you can select from "1" to "5" repeat plays, or " ∞ " which allows the automatic mechanism to continuously repeat its simple job until you change the repeat control settings.

ACCURATE DRIVE SYSTEM

Precision Servo Motor

Sansui engineers have done it again! The platter of the SR-535 *never* shows any appreciable slow-down under reasonable loads. This means that your 33 $\frac{1}{3}$ and 45rpm records are *always* played at the correct speeds for best musical performance. This accuracy is assured by an advanced, high-torque, 20-pole/30-slot brushless DC type servo motor for direct drive. Speed drift is effectively eliminated by the Sansui-exclusive rotor position sensor mechanism, coupled with the motor's bias-controlled saturable core (Sansui Pat. Pend.). Thanks to the dependable power supply, the drive voltage is kept constant for accuracy under any conditions.

Mechanically, as well as electrically, the SR-535 has impressive precision. All components and parts are designed, machined and assembled under very careful supervision to live up to Sansui's strict quality-control standards. The bearing sleeve is mirror finished for complete roundness, for instance. The motor shaft/center spindle is formed of the finest polished carbon-chrome steel and rides in a thrust bearing of tough, friction-resisting synthetic polyamide. We've used a special lubricant, one developed by the aerospace industry, to ensure low friction in the motor over long years of operation.

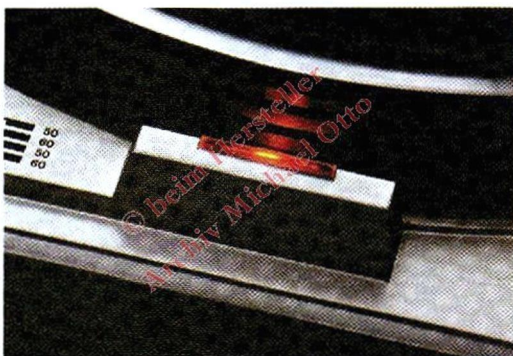
Smoother rotation is also ensured by the heavy (1.4kg or 3 lb) aluminum die-cast platter. This, plus Sansui's attention to every minor point in design and construction, gives the SR-535 impressive specifications: low 0.038% wow/flutter and better than 67dB rumble.

Fine Speed Adjustment with Strobe

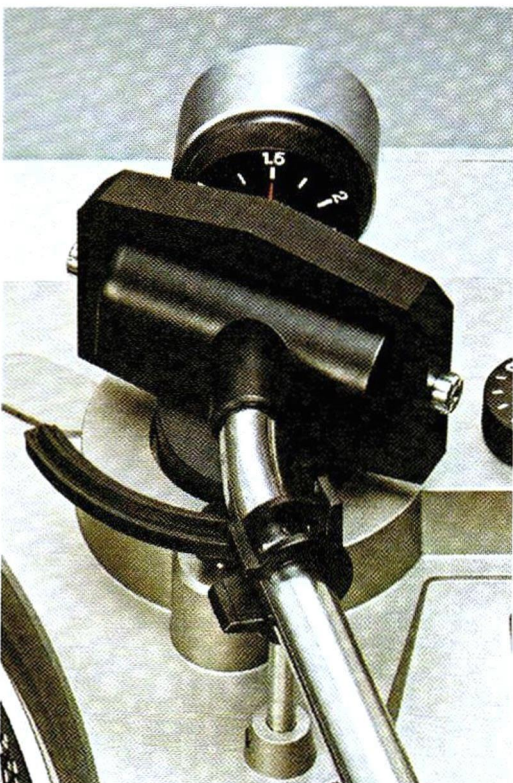
On the edge of the oversized (31.8cm or just over 12 inch) platter there are four rows of stroboscopic patterns, two each for both speeds to permit fine adjustment when your electrical power is either 50Hz or 60Hz. The strobe light illuminates the platter edge so that you can visually check its rotation speed for accuracy. Once the correct speed is reached, the speeds will continue to spin accurately; or, you can use two fine speed controls to vary platter by as much as $\pm 3.5\%$ from the standard speeds. By the way, these controls are recessed to avoid accidental speed change.



Brushless DC Servomotor



Clearly Illuminated Strobe Patterns



New Stabilized Fulcrum

STABILIZED TONEARM

New Stabilized Support

Exceptionally high tonearm stability is one of the reasons the Sansui SR-535 performs with such high musicality. Despite the attractive price of this fully automatic turntable, the tonearm has the same stability and resistance to resonance found in much more expensive models. Spurious vertical travel and harmful torsion or twisting are avoided by a special support with two vertical pivots. The mass of the arm is concentrated at these points to clearly define the unit's fulcrum for better mechanical action. This translates into musical advantages, particularly in the bass frequencies which are delivered from your record free of "mud."

Low-Resonance Design

Resonance is further suppressed by the special acoustic absorbent (Pat. Pend.) we use inside the highly rigid tonearm tubing. Then, we've decoupled the balance weight from the arm shaft via a newly designed rubber damper. All types of vibration, whether transmitted through the air or through the physical structure, are shut out before they reach the stylus.

Other Tonearm Features

- ZINC-ALLOY DIE-CAST ARM BASE— a massive, heavy structure to improve bass response by firmly securing the arm to the cabinet.
- DIRECT READOUT TRACKING FORCE DIAL— precision-calibrated markings every 0.25 grams; one rotation covers 0-to-3-gram range.
- GOLD-PLATED CONNECTION PINS— free from all forms of rust to ensure maximum transfer of the tiny electrical signals from cartridge to your amplifier.
- ARM LIFTER LEVER— oil damped for smooth operation.
- ANTI-SKATE KNOB— adjustable even as the record is played, another bonus in this attractively-priced Sansui turntable.

Sansui High-Resolution Cartridge

In some areas, the Sansui SR-535 comes complete with a high-resolution IM (Induced Magnet) cartridge at no extra cost. This cartridge (Sansui model SC-50) will convince you that you'd pay much more for another to equal its clear and musical reproduction.

CABINET & CONTROLS

SR-535 Cabinet

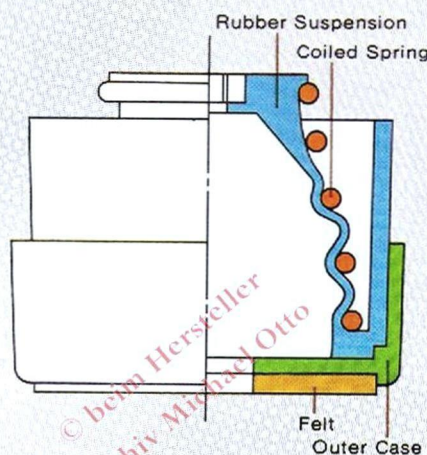
Sansui designers take special pride in the clean, modernistic looks of the SR-535 Automatic Turntable. The silver metallic finish sets off the precision lines of the cabinet and is just "flat" enough to resist glare from room lights without appearing too dull. The clean lines are more than good looking; advanced computer technology and time-tested carpentry techniques alike were used in designing the SR-535 to resist acoustic feedback or "howling." The automatic mechanism is mounted on a separate chassis inside the cabinet, for instance, while the low-profile of the base and its complex suspension system (see right) further ensure good sound.

Complex-Suspension

To defeat all types of vibration before they can harm your music, the SR-535 is suspended in a complex system of rubber and

spring devices. Air-borne vibrations, such as sound-waves from your speakers, and structure-borne vibrations, such as originating from your operation of amplifier or receiver controls, from footsteps, etc., are effectively damped so that your music retains its tight bass, clean mids and crisp highs.

Cross Section Diagram of the Cabinet Suspension



Control Convenience

Special care has been taken to position each of the simple-to-use controls of the SR-535 where they will fall "right under your fingers" as you operate them. The Auto/Manual Lever, Record Size selector, Repeat knob and Cueing lever are on the right side of the top plate, with the Speed Selector and Fine Speed Adjustment knobs on the left.

Dust Cover with Free-Stop Hinges

We made the dust cover extra heavy (1kg or 2.2 lbs.) on the SR-535 for a reason: its high mass prevents the constant bombardment of acoustic vibrations from influencing your phono cartridge. The free-stop hinges are mounted on the cover itself to permit easier installation of the turntable in a custom-made rack.

Other High-Value Features

- 45 rpm Adaptor and Adaptor Recess
- Headshell Storage Recess
- New Contour Mat with Special Pattern for Improved Tonal Quality
- Low-Capacitance Connection Cables

SPECIFICATIONS

TYPE	Two-speed, direct-drive automatic turntable
MOTOR DRIVE SYSTEM	20 pole, 30-slot DC brushless Direct spindle drive electronically servo controlled
PLATTER	318mm (12 1/2") aluminum alloy die-cast, weighing 1.4kg (3.1 lbs.)
PERFORMANCE	
WOW & FLUTTER	less than 0.038% (WRMS)
SIGNAL TO NOISE RATIO	better than 57dB (IEC-B)
RUMBLE	better than -67dB (DIN-B)
PLATTER SPEEDS	33 1/3, 45rpm
FINE SPEED ADJUSTMENT	±3.5%
TONEARM	Statically-balanced S-shaped tonearm with two-point pivot support
LENGTH	220mm (8 1/2") pivot to stylus tip
OVERHANG	17.5mm (3/4")
OFFSET ANGLE	24.5°
MINIMUM TRACKING FORCE SETTING	0.8g (when using cartridge guaranteed to operate at 0.8g stylus pressure)
ACCEPTABLE CARTRIDGE WEIGHT	4 to 10g
CABINETRY	Slim-line cabinet with anti-howling insulators and hinged free stop dust cover
CARTRIDGE	SC-50
TYPE	IM Type
FREQUENCY RESPONSE	10 to 20,000Hz

OUTPUT VOLTAGE	3mV per channel (1,000Hz, 35.4mm/sec.)
OPTIMUM LOAD	47k ohms
TRACKING FORCE	2.5 ± 0.4g
STYLUS	0.6 mil diamond spherical (SN-50)
POWER REQUIREMENTS	100V, 120V, 220V, 240V 50/60Hz
	U.S.A. and Canada models: 120V 60Hz
	European models: 220V, 240V 50Hz
POWER CONSUMPTION	less than 9 watts

DIMENSIONS	460mm (18 1/2") W 166mm (6 5/8") H 370mm (14 1/2") D
WEIGHT	9.2kg (20.3 lbs.) Net 10.7kg (23.6 lbs.) Packed
ACCESSORIES	45rpm record spindle adaptor

No cartridge is provided on units sold in the U.S.A., Canada or the U.K.
Design and specifications subject to change without notice for improvements.

