

SANSUI FR1080

2-SPEED AUTOMATIC RETURN TURNTABLE



Sansui's new FR-1080 is a winner for budget-minded audiophiles, not only because it is priced so reasonably, but also because it has been designed with particular emphasis on ease of operation, long-life reliability and the kind of Sansui tonal quality that you can depend on for years. The time-tested automatic return/stop mechanism greatly enhances convenience. But thanks to its simple construction, top-quality manual operation

is possible at all times without mechanical switches or skidding, since the automatic functions are controlled by an independent section.

We haven't scrimped on other features either: a stable 4-pole synchronous motor, full-sized aluminum alloy die-cast platter, statically-balanced S-shaped tonearm, bias adjuster and direct-readout stylus force dial, gold-plated headshell pins, spring-floated anti-howl cabinet in

a solid, slim-line design, one-touch start/stop lever and much more. In some markets, the pleasing price of the FR-1080 even includes a high quality IM (Induced Magnet) cartridge.* You might shop around for a better turntable buy, but we're betting you won't find one. From Sansui, where it's *all* hi-fi.

*No cartridge is provided on FR-1080 models sold in the U.S.A., Europe or Canada.

Sansui

THE SANSUI FR-1080

Easy to Operate and Easier to Afford

One-Touch Automatic

Operating the FR-1080 is simple: with the Lift/Play lever set in the PLAY position (as it is normally during automatic operation), just place the tonearm over the selection on the record you wish to play and operate the Start/Stop lever once. The arm will descend gently to begin play. The tonearm is returned to its rest by the automatic mechanism, which also shuts off the power when play ends. Since the lifter remains up after the operation, all you have to do to repeat the play is move the tonearm to a desired position and pull the Start/Stop lever. You can interrupt the play any time by simply pulling the Start/Stop lever, and the tonearm will automatically return to its rest, turning the power off.

Faultless Manual Operation

The Lift/Play lever offers further convenience by making it unnecessary to touch the tonearm itself except when positioning it over the selection on the record you wish to play. The same lever, when operated any time during play, will lift the tonearm without returning it and without shutting off power.

Reliable 4-Pole Synchronous Motor

Accurate platter speeds (33 $\frac{1}{3}$ and 45 rpm) are maintained against line voltage and load fluctuations at all times by the durable and quiet 4-pole synchronous motor. No speed adjustments are ever required.

Rugged, Double-Rim Platter

The belt-drive system in the FR-1080 ensures a minimum of noise and rumble. Utilizing an aluminum alloy die-cast platter of the double rim type to obtain maximum flywheel momentum, this system keeps friction to a minimum to further ensure long-life accuracy.

Feature-Packed Tonearm Assembly

Sansui's S-shaped tubular tonearm is of the statically balanced type to reduce friction and tracking error. A special rubber damper absorbs harmful vibration and prevents tonearm howling. The weight assembly itself is etched with precisely calibrated, direct-readout



- 1 Counter-balance weight
- 2 Bias adjustor (Anti-skate device)
- 3 Manual arm lifter
- 4 Start/Stop lever
- 5 Statically-balanced S-shaped tonearm

markings for setting exact stylus force; the simple-to-adjust bias device prevents harmful distortion caused by unbalanced tracking (skating) on the groove walls. Finally, the universal type headshell and tonearm have gold-plated connection pins to prevent signal loss due to oxidation.

IM (Induced Magnet) Cartridge (SC-37)

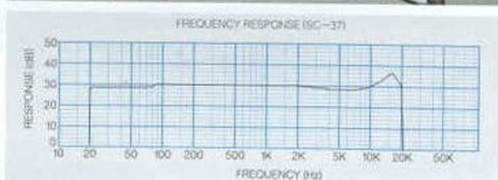
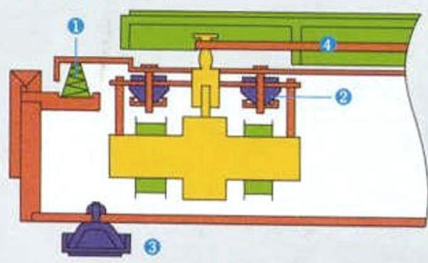
In areas outside the USA, Europe and Canada, the FR-1080 comes equipped with a Sansui IM (Induced Magnet) cartridge featuring clean, high fidelity playback, a wide dynamic range and reduced distortion. Thanks to its design, the mass of its moving parts has been reduced to rid the magnetic circuit of saturation and hysteresis distortion.

Solid, Slim-Line Cabinet

Cabinet resonance, also called howling, has been reduced to a bare minimum in the new Sansui slim-line profile design of the FR-1080 cabinet. Its solid good looks and usefulness are further increased by a free-stop hinged dust cover, large insulators and detachable connection cables of the low-capacitance type which prevent attenuation of high frequency signals and thus permit optimum reproduction of CD-4 as well as other 4-channel and stereo discs.

MULTIPLE SUSPENSION SYSTEM

- 1 Coil spring
- 2 Synthetic rubber insulator
- 3 Natural rubber and air cushion insulator
- 4 Rubber drive belt



SPECIFICATIONS

TYPE	Two-speed, belt-driven automatic-return
SPEEDS	33 $\frac{1}{3}$, 45 rpm
PLATTER	Aluminum alloy die-cast Diameter 300mm (11 $\frac{1}{8}$ ")
MOTOR	Four-pole synchronous
PERFORMANCE	
WOW & FLUTTER	less than 0.08% (WRMS)
SIGNAL TO NOISE RATIO	better than 50dB (IEC-B)
RUMBLE	better than -58dB (DIN-B)
TONEARM	Statically-balanced S-shaped tubular tonearm with anti-skating device direct readout stylus force dial, 4-contact plug-in head
LENGTH OVERHANG	215mm (8 $\frac{1}{2}$ ") pivot to stylus tip
MINIMUM TRACKING FORCE SETTING	10mm (3/8")
	1.5g (When using cartridge guaranteed to operate at 1.5g stylus force)

ACCEPTABLE CARTRIDGE WEIGHT	4 to 8g
CARTRIDGE	SC-37 (For the FR-1080 sold outside the U.S.A., Europe & Canada)
TYPE	Induced magnet
FREQUENCY RESPONSE	20 to 20,000Hz
OUTPUT VOLTAGE	3.5mV per channel (1,000Hz 50mm/sec.)
OPTIMUM LOAD	47k ohms
TRACKING FORCE	2 to 2.5g
STYLUS	SN-37 0.5mil diamond spherical
CABINETY	Solid base with anti-howling insulators and hinged free-stop tinted dust cover
POWER REQUIREMENTS	
VOLTAGE	120/240V (Usable 110-130/220-250V)
	50/60Hz
	U.S.A. and Canada models: 120V, 60Hz only

CONSUMPTION	European models: 220V, 50Hz only
DIMENSIONS	UK models: 240V, 50Hz only
	10 watts (rated)
	442mm (17 $\frac{1}{8}$ ")W
	155mm (6 $\frac{1}{8}$ ")H
	365.5mm (14 $\frac{3}{8}$ ") D
WEIGHT	5.5kg (12.1 lbs.)
ACCESSORIES	8.0kg (17.6 lbs.)
	45 rpm record spindle adaptor
	Low capacitance output signal cable.

*No cartridge is provided on FR-1080 models sold in the U.S.A., Europe or Canada.
Design and specifications subject to change without notice for improvements.