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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

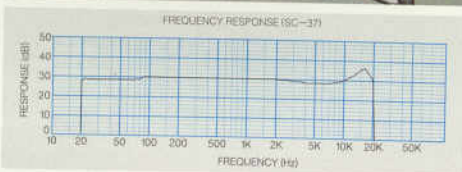
The belt-drive system in the FR-1080 ensures a minimum of noise and rumble. Utilizing an aluminum alloy die-cast platter of the double-rim type to obtain maximum flywheel momentum, this system keeps friction to a minimum to further ensure long-life accuracy.

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 adjuster (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)

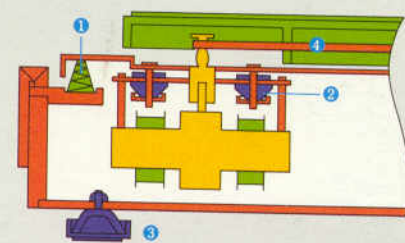
In areas outside the USA, Europe and Canada, the FR-1080 comes equipped with a Sansui IM (Induced Magnet) cartridge featuring clean, high fidelity playback, a wide dynamic range and reduced distortion. Thanks to its design, the mass of its moving parts has been reduced to rid the magnetic circuit of 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	ACCEPTABLE CARTRIDGE WEIGHT	4 to 8g	CONSUMPTION DIMENSIONS	European models: 220V, 50Hz only UK models: 240V, 50Hz only 10 watts (rated)
SPEEDS	33 $\frac{1}{3}$, 45 rpm	CARTRIDGE	SC-37 (For the FR-1080 sold outside the U.S.A., Europe & Canada)	WEIGHT	442mm (17 $\frac{1}{8}$ " W) 155mm (6 $\frac{1}{8}$ " H) 365.5mm (14 $\frac{1}{8}$ " D) 5.5kg (12.1 lbs.) 8.0kg (17.6 lbs.)
PLATTER	Aluminum alloy die-cast Diameter 300mm (11 $\frac{1}{8}$ " ϕ)	TYPE	Induced magnet	ACCESSORIES	45 rpm record spindle adaptor Low capacitance output signal cable.
MOTOR	Four-pole synchronous	FREQUENCY RESPONSE	20 to 20,000Hz	*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.	
PERFORMANCE		OUTPUT VOLTAGE	3.5mV per channel (1,000Hz 50mm/sec.)		
WOW & FLUTTER	less than 0.08% (WRMS)	OPTIMUM LOAD	47k ohms		
SIGNAL TO NOISE RATIO	better than 50dB (IEC-B) better than -58dB (DIN-B)	TRACKING FORCE	2 to 2.5g		
RUMBLE	Statically-balanced S-shaped tubular tonearm with anti-skating device direct readout stylus force dial, 4-contact plug-in head	STYLUS	SN-37 0.5mil diamond spherical		
TONEARM	215mm (8 $\frac{5}{8}$ ") pivot to stylus tip 10mm ($\frac{3}{8}$ ")	CABINETY	Solid base with anti-howling insulators and hinged free-stop tinted dust cover		
LENGTH OVERHANG		POWER REQUIREMENTS	120/240V (Usable 110-130/220-250V)		
MINIMUM TRACKING FORCE SETTING	1.5g (When using cartridge guaranteed to operate at 1.5g stylus force)	VOLTAGE	50/60Hz U.S.A. and Canada models: 120V, 60Hz only		