

Technics

The science of sound

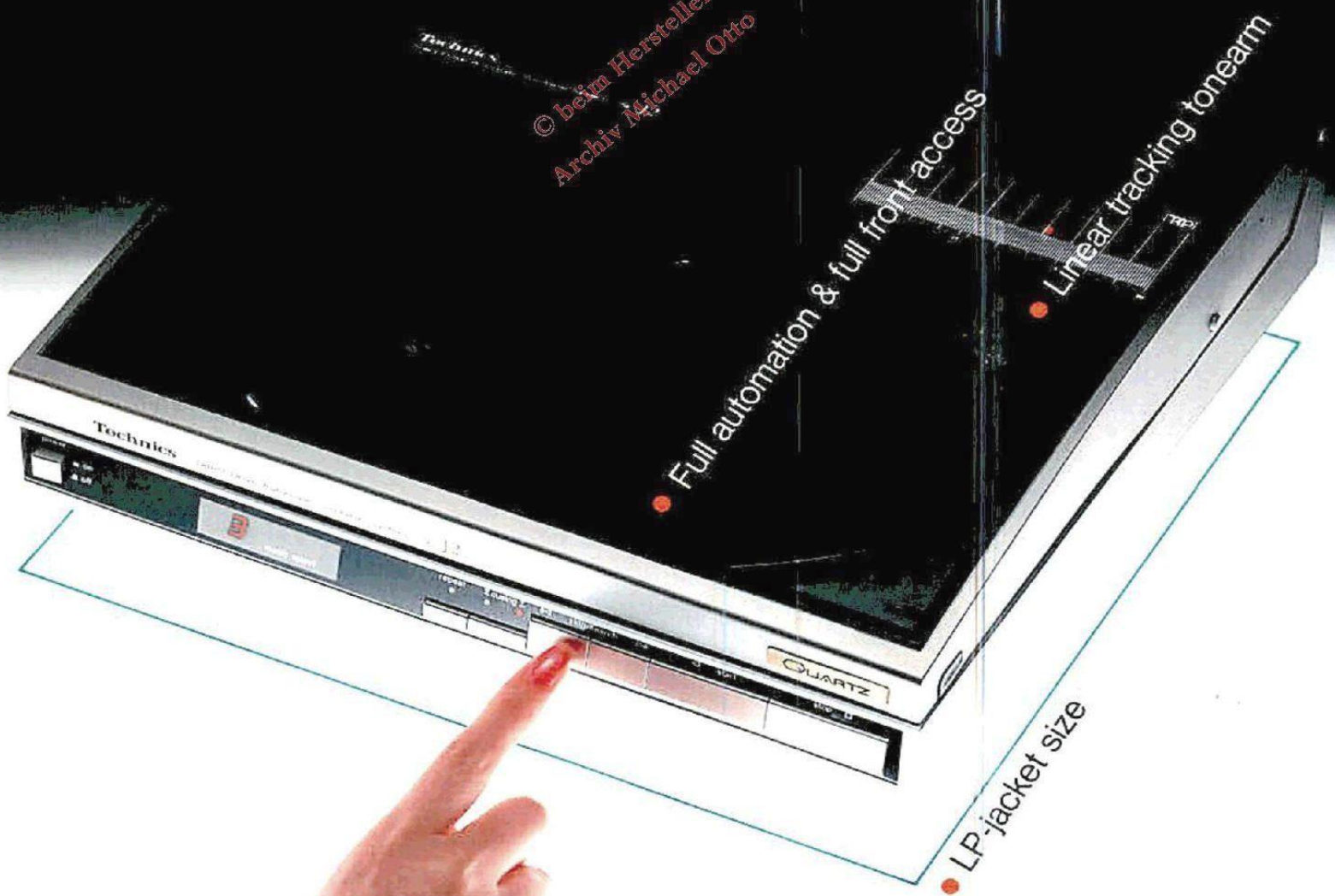
SL-J3/J2/J1



Linear Tracking Turntables

Three Ways To Turn The Tables

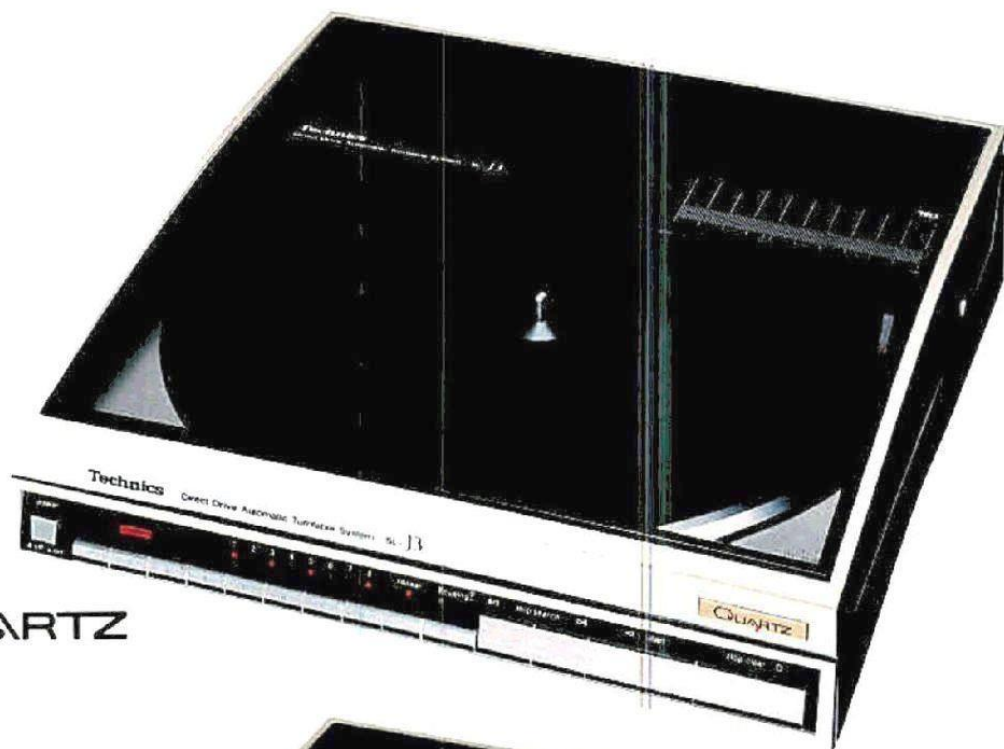
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SL-J3

Programmable Quartz Linear Tracking Turntable

- 8-Band Random Access
Programming & Skip Function
- Unwavering Quartz DD Accuracy
- High Performance **T4P** Cartridge



QUARTZ

SL-J2

Quartz Direct Drive Linear Tracking Turntable

- Skip/Search/Direct Access
- Unwavering Quartz DD Accuracy
- High Performance **T4P** Cartridge

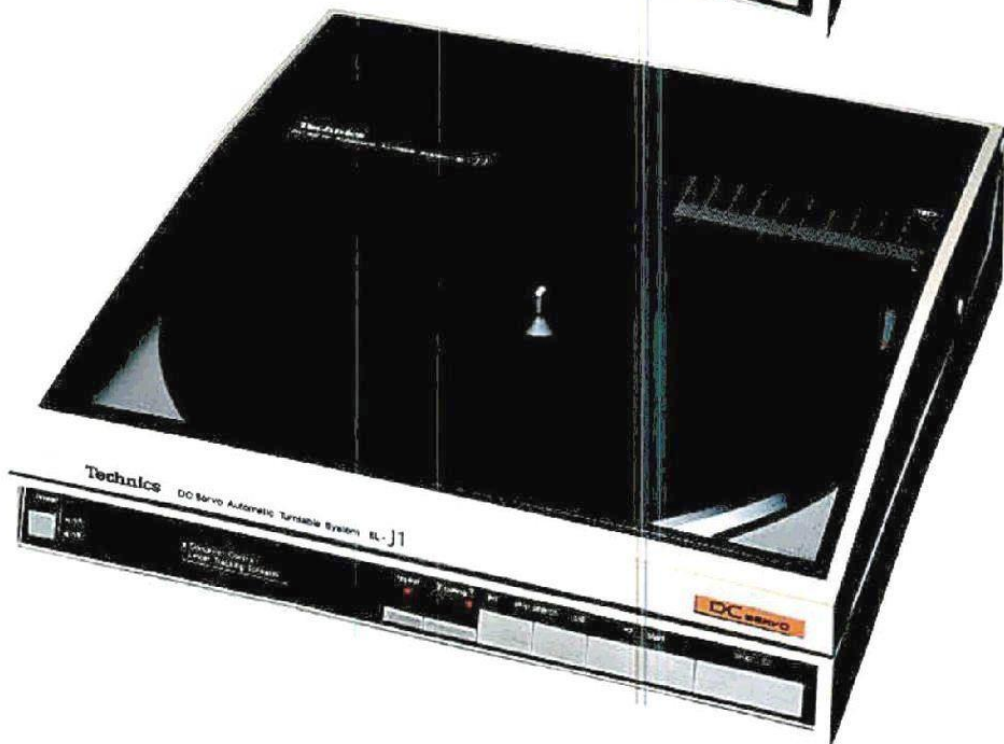


QUARTZ

SL-J1

DC Servo Belt-Drive Linear Tracking Turntable

- Skip/Search/Direct Access
- Powerful DC Servo Belt-Drive
- High Performance **T4P** Cartridge



SL-J3 Programmable Quartz Linear Tracking Turntable

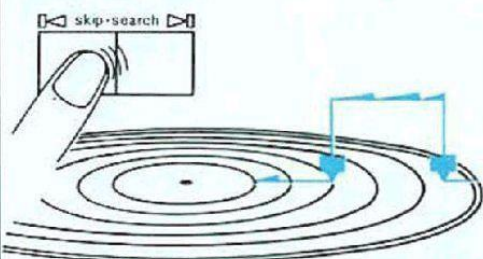
Technics—originator of some astonishing advances in digital audio technology—has now engineered the remarkable convenience of their Compact Disc players into an analog turntable. The SL-J3 Programmable Quartz Linear Tracking Turntable. That's right. Now you can program up to 8 songs on an album side. There's even a handy new Skip function, so you can jump forwards or backwards to your favorite songs. At the touch of a button.

All this and more in a compact, LP jacket-sized design with an elegantly curved upper cabinet. Surprisingly affordable, too. So if all you want is CD player convenience, don't replace all your records. Try convenience with Technics style. The SL-J3 Programmable Quartz Linear Tracking Turntable.

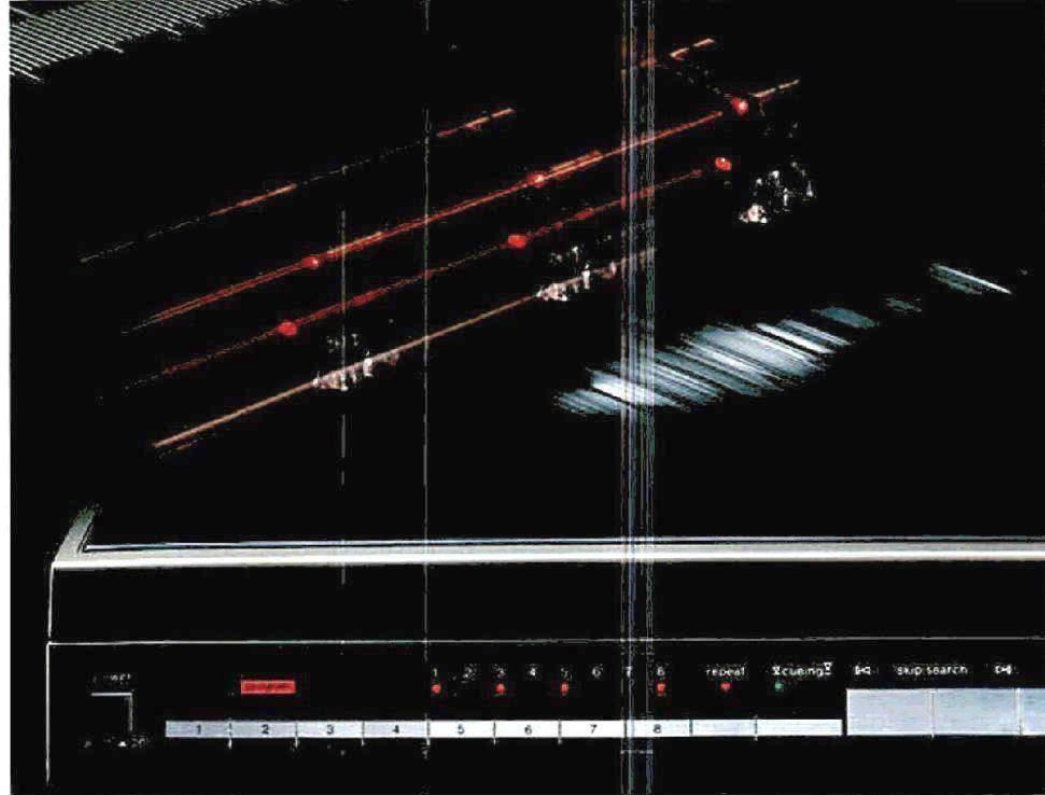
Skip/Search/Direct Access

The SL-J3 takes the guesswork out of cueing songs on a record. A sophisticated infrared optical sensor, mounted near the cartridge, detects the gaps between tracks and unerringly guides the tonearm to the beginning of the track you select. Simply press the Skip key the same number of times as the selected track number. Press the Start button, and the SL-J3 does the rest. Of course, you can also use the Skip function during play to pass over songs. So those two ballads on your favorite rock album won't slow down your fast-moving party.

Skip-key convenience



The tonearm goes forward or backward the same number of songs as the times you press the key. If track 2 is in play and you press the forward skip key 3 times, then the tonearm will advance and start playing track 5.



You can even skip backwards. And to cue a record manually, just hold the skip-search key down. The search function will engage, and the tonearm will traverse the disc. Forward or backward, and at two optional speeds.

Random Access Programmability

The function you thought you'd never find on anything but a CD player. With the SL-J3, you can program up to eight songs on an LP. In precisely the order you desire. So if your favorite tracks on an album are the second, fifth, third, and eighth songs, just enter 2, 5, 3, 8 using the front panel program keys. LEDs light up to indicate your program, and a separate "program mode" indicator lights. Press the start button, and the SL-J3 will play each selection. As each song is played, the corresponding LED will flash. Press that key, and you can hear the song again from the beginning. To replay the entire program, just push the repeat key after entering your program. You can even restart the whole program simply by pressing the start key. Technics puts you in control of your music, for even greater listening pleasure.

Full Microprocessor Automation

Simple pushbuttons and safe, error-free operation. The kind of

excellence the SL-J3 delivers, thanks to a built-in microprocessor. Disc size and speed selection is automatic. There's even a disc presence detector, so you need never worry about your valuable stylus coming into contact with an empty platter. Even if you press the play key by mistake. And all control keys are mounted on the front panel, so you can operate everything with the dust cover closed. If you open the cover during play, the tonearm will automatically rise, and return to the rest position.

Quartz Controlled Direct Drive—Ultimate Accuracy

Technics takes the same accuracy found in quartz watches and puts it to work in the SL-J3. This sophisticated direct drive system features an integral rotor-platter. Referenced to the oscillation frequency of a quartz crystal, it ensures outstanding rotational speed accuracy. In fact, wow & flutter, at 0.025% WRMS, challenges the best laboratory measuring equipment. And rumble is inaudibly low, at -78dB. The technical refinements required for such performance include full-wave, two-phase rectification in the drive control servo system, a planar-opposed slotless DC motor, and Technics' original dual coil construction.

Gimbal Suspension Linear Tracking Tonearm

As on the mastering lathe used to cut records, the Technics linear tracking tonearm moves across the record in a straight line. This virtually eliminates tracking error and its accompanying distortion. Based on data from an optoelectronic sensor near the stylus, a microprocessor controls the precision DC motor which moves the sensitive gimbal suspension tonearm.

Technics P-Mount System

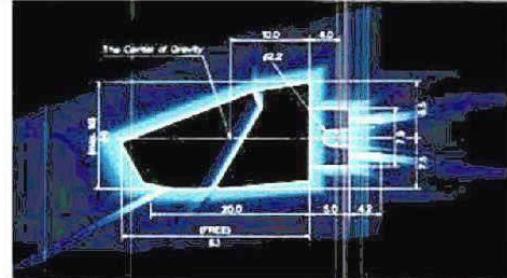
The SL-J3, SL-J2 and SL-J1 of course are equipped with Technics' original  P-Mount

cartridge connector system. It's so convenient and accurate, it's quickly becoming the world standard. You simply plug in a cartridge and fasten it with a single screw. No tiny lead wires to connect. No counterweights to adjust. And because all  cartridges are identically balanced, you never have to worry about variations in size, stylus position, or tracking force.

 is the standard mark for the "P-Mount" plug-in connector system. Products carrying this mark are interchangeable and compatible with each other.

Other Highlights

- 30cm (12") diameter aluminum diecast platter
- TNRC base for effective



- protection against external vibration and acoustic feedback
- Built-in adaptor to accommodate 45 rpm singles
- Tonearm position scale and LED indicator
- LED indicators in all program, repeat, and cue keys
- Manual switching of disc size and speed to accommodate non-standard record formats
- Sensor sensitivity adjustment feature
- Automatic stylus muting

SL-J2 Quartz Direct Drive Linear Tracking Turntable

Who else but Technics could put so much high performance, and so many convenient features in such a slim body? The SL-J2 features the outstanding rotational speed accuracy of quartz-referenced direct drive, and a linear tracking tonearm for perfect tracing accuracy. The convenient skip/search/direct access function allows you to skip over selections you don't want to hear. A separate, easy-to-read Music Select LED

confirms your skip/search commands.



- Linear tracking tonearm with optoelectronic sensor detects any arm angle deflection, and automatically compensates to give optimum tracking performance.
- Gimbal suspension system with low-friction ball-bearings gives superb tracking ability.
- Equipped with the Technics-designed  P-Mount cartridge connector system.

- Automatic operation. The SL-J2 automatically selects record size and speed. All function keys are on the front panel, so operation can be carried out with the dust cover closed.
- 30cm (12") diameter aluminum diecast platter
- TNRC cabinet for effective protection against external vibrations and acoustic feedback
- Manual switching of disc size and speed to accommodate non-standard record formats
- Automatic stylus muting

SL-J1 DC Servo Belt-Drive Linear Tracking Turntable

The convenience and performance you expect from Technics, slimmed down to the size of an LP jacket. The SL-J1 boasts a sophisticated belt-drive system, with a sturdy, dependable DC motor. Platter rotation speed is constantly monitored by the DC motor, and the slightest deviation is instantly corrected. The result is consistently accurate platter speed, and remarkably low wow & flutter. Of course, the SL-J1 features skip/search/direct access

functions to make operation as easy and convenient as possible.

- Linear tracking tonearm virtually eliminates the problem of tracking angle error. The optoelectronic sensor detects and compensates for any slight arm angle deflection, to give optimum tracking performance.
- Highly sensitive gimbal suspension system
- Equipped with the Technics-designed  P-Mount cartridge connector system.
- Automatic operation. The SL-J1 automatically detects record size

and speed. All operations can be carried out with the dust cover closed via front panel function keys.

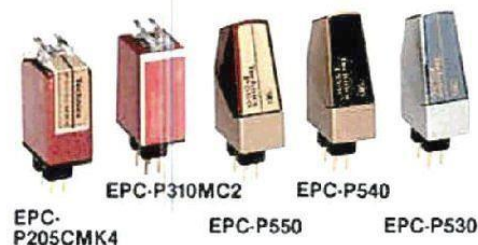
- 30cm (12") diameter aluminum diecast platter
- TNRC cabinet for effective protection against external vibrations and acoustic feedback
- Manual switching of disc size and speed to accommodate non-standard record formats
- Automatic stylus muting



A Wide Choice of TAD Cartridges

The world's leading cartridge manufacturers have adopted the Technics-designed TAD standard, including Ortofon, Shure, Audio-Technica, Empire, Pickering, Stanton and many more.

Over twenty in all. Choose from an almost endless variety of TAD cartridges in MM, MC and IM types. And each one a perfect match for your SL-J3, SL-J2 or SL-J1.



Technical Specifications

	SL-J3	SL-J2	SL-J1
TURNTABLE SECTION			
Type	Quartz-phase-locked control, direct drive fully automatic		Belt-drive fully automatic
Functions	Program music selection, skip, direct access, program repeat, automatic speed and disc size selection, auto lead-in, automatic detection of disc, 2-speed search function of tonearm, auto-return, auto-stop and repeat	Automatic speed and disc size selection, skip, direct access, auto lead-in, automatic detection of disc, 2-speed search function of tonearm, auto-return, auto-stop and repeat	Automatic speed and disc size selection, skip, direct access, auto lead-in, automatic detection of disc, 2-speed search function of tonearm, auto-return, auto-stop and repeat
Motor	Ultra-low-speed brushless DC motor		DC servo motor
Turntable platter	Aluminum diecast, 30cm (12") diameter		
Turntable speeds	33 ¹ / ₃ and 45rpm, automatic selection (manual selection possible)		
Speed accuracy	Within ±0.002%		—
Wow and flutter	0.012% WRMS* 0.025% WRMS (JIS C5521) ±0.035% peak (IEC 98A weighted)		0.045% WRMS (JIS C5521) ±0.06% peak (IEC 98A weighted)
Rumble	−78dB DIN B (IEC 98A weighted)		−70dB DIN B (IEC 98A weighted)
TONEARM SECTION			
Type	Linear-tracking gimbal-suspension tonearm		
Effective length	105mm (4 ¹ / ₈ ")		
Tracking error angle	Within ±0.1°		
Effective mass	9g (including cartridge)		
Resonance frequency	12Hz		
Tonearm drive motor	DC motor		
GENERAL			
Power supply	AC 120V, 60Hz		
Power consumption	13W	12W	9.5W
Dimensions (W × H × D)	31.5 × 8.8 × 31.5cm (12 ¹³ / ₃₂ " × 3 ¹⁵ / ₃₂ " × 12 ¹³ / ₃₂ ")		
Weight	4.1kg (9.0 lb)		3.5kg (7.7 lb)

* Measured by obtaining signal from built-in frequency generator of motor assembly.

Technics

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Printed in Japan