

ST540

Ultra Slim Body with
Quartz-Lock Accuracy

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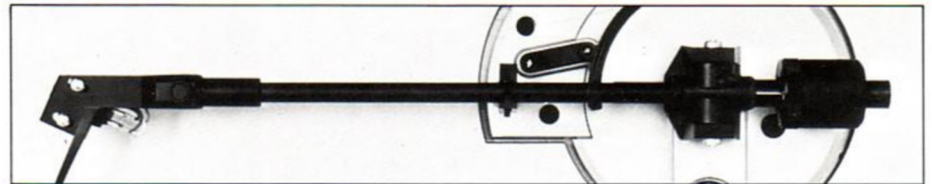
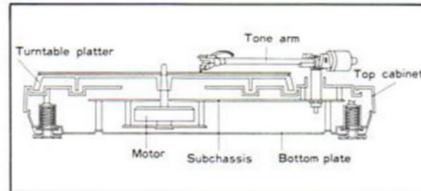
ST540 Direct-Drive Quartz-Lock Fully Automatic Turntable

Model ST 540's direct drive and fully automatic operation provide perfection and the highest quality. Quartz-lock insures that the turntable rotation will not vary under changing load or voltage. Rotation precision is maintained at $\pm 0.0001\%$ and rumble has been almost eliminated. Wow and flutter have been reduced to negligible levels by improvements in the direct drive.

LOW MASS, STRAIGHT TONEARM

The low mass, straight tonearm is statically balanced for improved trackability, has a removable headshell and antiskating device. The op-

tional moving magnet (MM) cartridge with diamond stylus assures faithful reproduction for the utmost in listening pleasure.



ACOUSTIC FEEDBACK REDUCED

Improvements made in the subchassis have greatly reduced acoustic feedback. The independent suspension of the floating chassis improves howling performance and pushing the operation buttons does not move the chassis. The hefty, solid base stands firmly in place when the operation buttons are pushed.

ALL-FRONT OPERATION

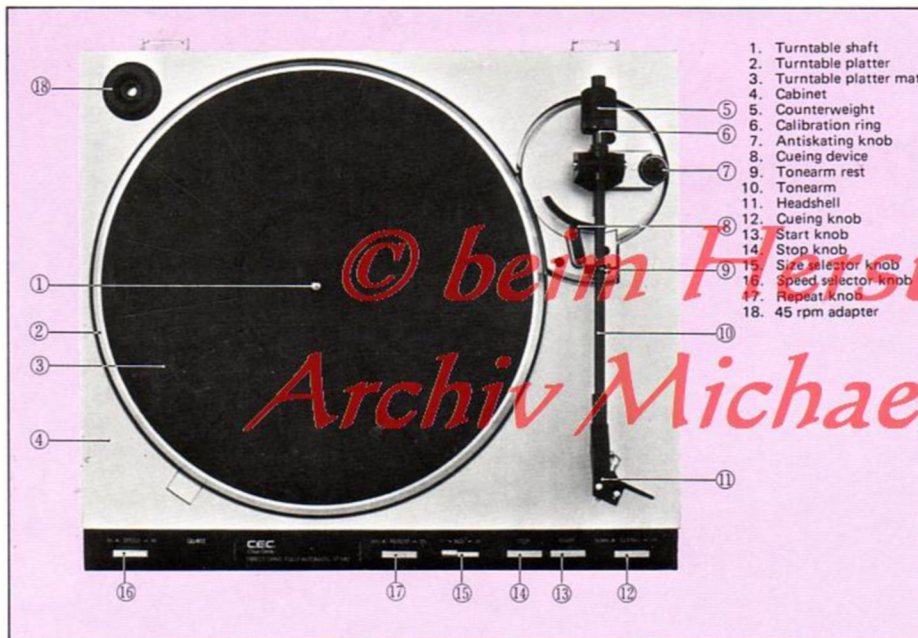
All operations are by feather-touch buttons located on the panel. Even cueing can be performed with the dust cover closed. Operational simplicity is combined into this convenient arrangement.

FULLY AUTOMATIC OPERATION

Simply place your favorite record on the platter, close the dust cover and push the button. That is all it takes for this fully automatic turntable. Lead-in is automatic and the tonearm will return to rest and turn off power when the record ends.

OIL-DAMPED CUEING

The delicate stylus needle is gently lowered into the record groove with oil-damped cueing. Thus you are now assured of safer and easier record play with no impact shock when the needle contacts the record.



SPECIFICATIONS

TURNTABLE

Motor Quartz-phase locked direct drive motor
Speeds 33-1/3 and 45 r.p.m.
Wow & Flutter 0.035 % (WRMS), $\pm 0.06\%$ (DIN45507)
Rumble 40 dB DIN45539A (unweighted)
 68 dB DIN45539B (weighted)

Turntable platter 308 mm aluminum alloy die-cast

TONEARM

Effective length Straight-line tubular, static balance type with removable headshell and antiskating device
 222 mm
Overhang 16.8 mm
Adjustable tracking force 0-2.5 g with direct readout weight
Usable cartridge weight 4-6.5 g

CARTRIDGE (OPTION)

Moving Magnet type. Model MM 3 with 0.6 mil diamond stylus

Frequency response 20-20,000 Hz
Output voltage 3 mV ± 3 dB at 1 kHz 3.54 cm/sec.
Channel balance Within 2 dB at 1 kHz
Channel separation More than 18 dB at 1 kHz
Load resistance 47 Kohm
Weight 4.6 g w/ spacer
Optimum stylus force 1.8 g

GENERAL

Automatic functions Automatic start (for 30 and 17 cm records), automatic return, automatic shut off and repeat
Power source 220 V 50 Hz for Europe, 120 V 60 Hz for North America
Power consumption 6 watts
Dimensions 416(w) x 116(h) x 362(d) mm
Weight 5.6 kg

Design and specifications subject to change without notice for improvements.