

ST130

**Exceptional DD Performance
Precision Bearing Accuracy**



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Archiv Michael-Otto*



CEC
Chuo Denki

ST130

Direct-Drive Automatic Turntable

Turntable rotational accuracy achieved in the ST 130 is attributed to the 20-pole 30-slot direct drive motor. Rumble has been almost eliminated. Wow and flutter have also been greatly reduced. The body design is very compact with front operation.

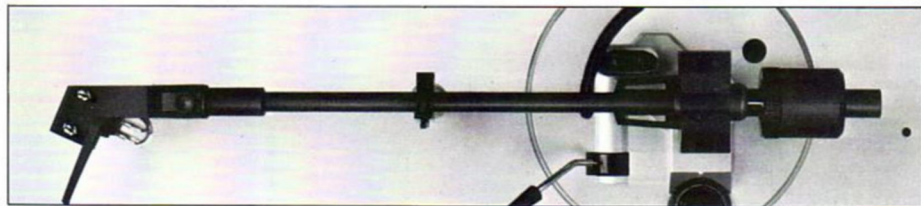
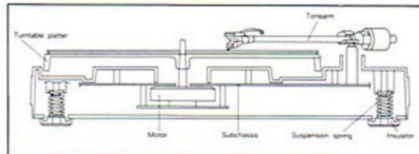
DIRECT-DRIVE MOTOR

The high performance DD motor has been manufactured with precision and accuracy to provide unswerving rotational accuracy. The DD method provides motor-platter marriages for perfection in drive.

ACOUSTIC FEEDBACK REDUCTION

Acoustic feedback is almost eliminated with the original independent suspension design. A design based on vibration damping rubber cush-

ions and balanced steel springs isolates the cabinet assembly from outside vibration influences.



OIL-DAMPED CUEING

When the needle is placed on the record, an original oil damping mechanism makes the contact gently. No more damage to your records at cueing time.

LOW MASS STRAIGHT TONEARM

A low mass, straight tonearm with resonant frequency matching assures accurate tracking and gentle care for your delicate records.

AUTO RETURN AND AUTO SHUTOFF

The tonearm is also automatically returned to rest and power turned off at the end of play. This feature frees you to enjoy play without worrying about the end of the record.

PITCH CONTROL

A pitch control is incorporated to permit adjustments for the sensitive ear. Now you can play or sing along with your favorite recorded pieces without the noticeable difference in pitch.



SPECIFICATIONS

TURNTABLE

Motor 20-pole 30-slot 3-phase brushless type DC servo controlled direct drive motor
Speeds 33-1/3 and 45 r.p.m.
Speed calibration Pitch control $\pm 3\%$
Wow & Flutter 0.055% (WRMS), $\pm 0.085\%$ (DIN45507)
Rumble 38 dB DIN45539A (unweighted)
68 dB DIN45539B (weighted)

Turntable platter

308 mm aluminum alloy die-cast with strobe outside rim

TONEARM

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

CARTRIDGE (OPTION)

Moving Magnet type, Model MM 3 with 0.6 mil diamond stylus
Frequency response 20-20,000Hz
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 return and automatic shutoff
Power source 220 V 50Hz for Europe, 120 V 60 Hz for North America
Power consumption 6 watts
Dimensions 420(w) \times 121(h) \times 365 (d) mm
Weight 4.5 kg (net)

Design and specifications subject to change without notice for improvements.