

3 requirements for record players with light needle pressure

model
VS-2000ES



MOVING COIL STEREO CART- RIDGE WITH A 0.7x0.2 MIL DIAMOND STYLUS

Frequency characteristics: 10-21,000 c/s
Output voltage: 5 mV 5 cm/sec. 1000 c/s
Crosstalk: -30 db at 40-12,000 c/s
Stylus pressure: 1~3 gr
Compliance: 1.9×10^{-6} cm/dyne
Stylus point: 0.2x0.7 mil Elliptical
Mounting measurement: JIS, EIA

model
GA-24

KNIFE EDGE SYSTEM



14" PERFECT BALANCED TYPE TONE ARM

Over-all length: 325 mm
Distance from axis to turntable
spindle: 238 mm
Suspension: Knife edge system
Stylus force range: Static, 0 to 4 gr
Over hang: 8 mm
Arm height: 60 mm
Type of pickup head: International
standard 4-pin socket

model
P-83C Custom



3-SPEED PROFESSIONAL TURNTABLE

Turntable: 30 cm aluminum alloy cast-
ing 1.5 kg.
Motor: 4-pole hysteresis synchronous
condenser motor
Speed: 33-4/3, 45, 78 r.p.m.
S/N: Over 50 db
Wow: Below 0.2%

NEAT

NEAT ONKYO DENKI CO., LTD.

4, 1-chome, Kanda, Hatago-cho, Chiyada-ku,
Tokyo, Japan

Circle 144 on Reader Service Card

AUDIO • NOVEMBER, 1964

POWER AMPLIFIER

(from page 21)

provide many years of completely trouble-free service. The amplifier works equally well into an open or a short, or a speaker, and the fuses act with more than ample speed to protect the output transistors. The pulse response of the amplifier is excellent, free of ringing and overshoot, and the clipping waveform is very clean. As might be expected, the low-frequency response of this amp is very good, and crossover distortion is absent at any level or frequency. All of the semiconductors for a stereo version of this amp may be purchased for less than the cost of a pair of output transformers, and four output tubes necessary

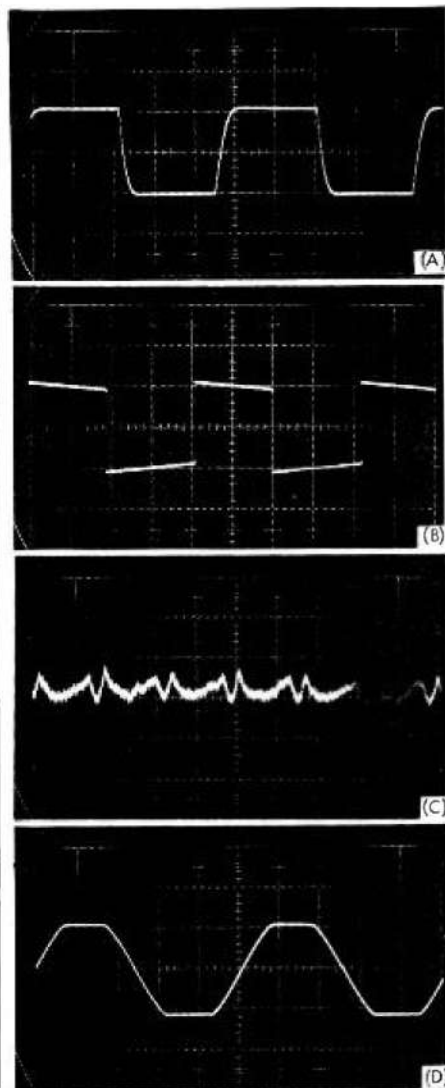
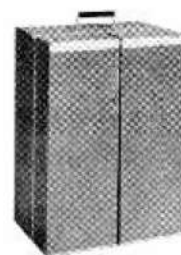


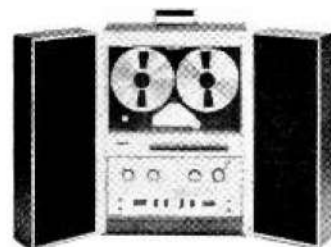
Fig. 5. Performance as shown by scope display: (A) 10 v/cm, 10 μ s/cm, 20 kc; (B) 10 v/cm, 5 ms/cm, 50 cps; (C) 10 mv/cm, 5 ms/cm, zero signal hum and noise; (D) 20 v/cm, 0.2 ms/cm, 1 kc clipping. All photos of channel 2 loaded with 16 ohms. Asymmetry of square waves in generator.

WEBCOR

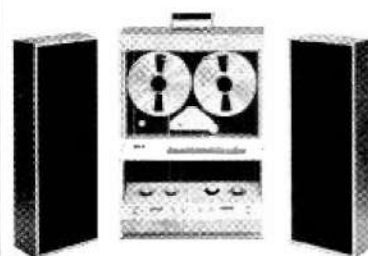
professional



The Ultimate in



Sound, Style,



Stereo!

Make all the tests you want, or just listen ... either way, you'll agree that the Webcor Professional is the ultimate in a professionally oriented tape recorder and reproducer. Here are some of the reasons • $\frac{1}{4}$ track stereo; record and playback • $\frac{1}{4}$ track monaural; 4 track record and playback • simultaneous record and playback in monaural • echo effects in monaural • synchro-audal and "sound with sound" • stereo and reverse stereo play • stereo public address system • automatic thread control and combination on/off/ASO • Push button reset digital counter • tape lifters. Plenty of others, too—including 3 speed operation, 2 separate "stereo-supreme" speaker wings, keyboard control, tilt-out amplifier panel and computer type reels. All that and the most elegant design in the field. Test the Professional at your Webcor dealer soon. Or if you like, just listen. Either way, you'll love it! Under \$500.00.



Widen your world with WEBCOR

Webcor, Inc., 700 North Kingsbury/Chicago 60610
Circle 145 on Reader Service Card