REK-O-KUT

FINE RECORDING and PLAYBACK EQUIPMENT

5 Pages from RADIO's MASTER Reprinted for your convenience

REK-O-KUT COMPANY

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Manufacturers of Fine Recording and Playback Equipment, and Specialized Sound Systems.

PRECISION **TURNTABLES**

For more than 5 years we have devoted our best engineering efforts to developing the perfect turntable. While this is practically unattainable, we do believe that we have achieved the closest approach to that ideal. The RONDINE Series are certainly the finest Turntables ever made available for home music sys-

One of the most important advances embodied in these turntables is the floating idler which achieves virtually complete isolation between motor and turntable. Other new features include: a built-in retractable hub for 45 rpm records, and a permanently affixed strobe disc for instantaneous speed checking.

The RONDINE Turntables retain most of the other proven features of Rek-O-Kut turntable construction: non-magnetic, cast aluminum turntables, precisely lathe-turned and dynamically balanced - with extra heavy rims for effective flywheel action . . . internally rimdriven, employing neoprene idlers . . . case hardened intermoving parts, ground to a micro finish . . . single-ball thrust bearing suspension . . . effective shock-mounting and mechanical filtering to assure quiet operation . . . drive pulleys of special lamitex ground directly onto motor shafts.



Model LP-743

3 Speeds

A long-time popular favorite with discrimnating buyers seeking 3-speed, quality performance at a moderate price. Motor, dimensions, appearance and other specifications are the same as for the Rondine Jr. However, the LP-743 is furnished with a detachable 45 rpm adapter, and is not provided with a built-in strobe. It differs also from the Rondin Jr., as follows: strobe. It as follows

NOISE LEVEL: 30 db below average recording

SPEEDS: 33 1/4, 45 and 78 rpm.

The MASTER - 20th Edition

NET PRICE \$59.50*

The NEW



RONDINE Deluxe Model B-12H 3 Speeds

The aristocrat of the RONDINE Series. As a record reproducing device, it represents the closest approach to perfection ever attained, It has less rumble, wow and flutter than any 12-inch turntable on the market today.

SPECIFICATIONS:

NOISE LEVEL: Better than 50 db below average recording level.
MOTOR: Self-lubricating, custom-built hy-

steresis synchronous.

SPEEDS: 33 ½, 45 and 78 rpm.

SPEED SELECTION: Single selector knob. Switching to speed position starts motor. Setting to 'off' position adjacent to speed shuts off motor and disengages

STROBE DISC: Permanently affixed — permits instantaneous checking of all

45 RPM HUB: Built-in -- retractable no external adapter.

PILOT LIGHT: Jewelled neon light acts as 'on/off' indicator.

CHASSIS DECK: Cross-ribbed cast alum-inum. Designed for flush-mounting in rectangular cut-out.

DIMENSIONS: 153/4" x 14". Fits most phono consoles.

SHIPPING WEIGHT:16 lbs.

NET PRICE \$119.95*



NOISE LEVEL: Better than 40 db below average recording level.

MOTOR: Induction — 4-pole — built to Rek-O-Kut specifications.

RONDINE

Model B-12 3 Speeds

A notable example of the merits of the new design that enables quality to be retained at moderate cost. The Rondine has all of the features of the Rondine deluxe. All specifications are the same with the following exceptions:

NET PRICE \$74.95*



RONDINE Jr.

Model L-34: 331/3 & 45 rpm Model L-37: 331/3 & 78 rpm

SPECIFICATIONS:

NOISE LEVEL: 40 db below average re-

cording level.
MOTOR: Induction — 4-pole — built to

Rek-O-Kut specifications.
SPEEDS: Model L-34 — 33 ½ and 45 rpm; Model L-37 — 33 ½ and 78 rpm.
SPEED SELECTION: Slide shift with in-

SPEED SELECTION: Sinde shift with in-termediate 'off.' Locks in either speed position.

STROBE DISC: Permanently affixed — permits instantaneous checking of both speeds.

45 RPM HUB: Built-in — retractable — requires no external adapter. CHASSIS DECK: Heavy gauge steel. DIMENSIONS: 12" x 15". Fits most phono

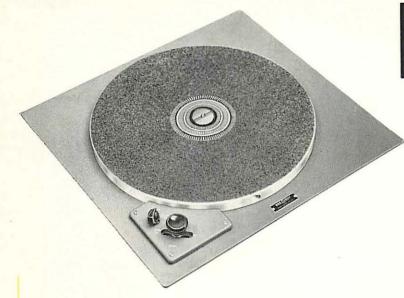
SHIPPING WEIGHT:14 pounds.

NET PRICE \$49.95*

NOTE: All Rek-O-Kut Turntables are supplied for 110-120 volt, 60-cycle AC operation. Available in other voltages and frequencies at additional cost. *All prices slightly higher West of Rockies.

(R)...

Manufacturers of Fine Recording and Playback Equipment, and Specialized Sound Systems.



The MODEL B-16H 3 Speeds

Offers the broadcaster and recording studio the finest professional performance at the lowest cost. The turntable itself is precision lathe-turned, non-magnetic, cast aluminum — dynamically balanced — and with an extra-heavy rim for effective flywheel action. Turntable diameter is standardized at 15% inches to allow a %-inch overhang for cueing. It is internally rim-driven by means of neoprene compound idlers. All inter-moving parts are case-hardened and ground to a micro finish. Rotates on a single-ball pivot which takes the entire thrust of the turntable shaft.

Extremely low distortion has been achieved through effective acoustical damping — through special attention to motor bearings, motor suspension, idler design, concentricity of pulleys and all the other elements essential to smoothness, quiet and overall quality of performance. Rumble, wow and flutter and speed regulation are well within NARTB standards. Requiring no more than routine maintenance, all parts are readily and easily accessible.

SPECIFICATIONS:

permits instantaneous checking of all

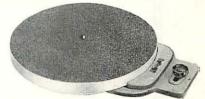
CHASSIS DECK: Radial-ribbed aluminum casting, Designed for flush mounting in rectangular cut-out, Pre-drilled and tapped for several standard professional pickup arms.

DIMENSIONS: 18 ¾ " x 20". Fits existing consoles and cabinets with slight modification.

SHIPPING WEIGHT:30 pounds.

NET PRICE \$250.00*

6"PRECISION TURNTABLES



The MODEL G-2 Deluxe 2 SPEEDS

The same superb quality which has created unreserved acceptance of the B-16H among the most critical professional users, more moderately priced in the 2-speed G-2 Deluxe. All specifications are the same with the exception of the following:

\$179.95*

MODEL G-2 Standard with 4-pole Induction Motor \$137.50*

ACCESSORY 45 rpm Idler and Hub Adapter Interchanges with 33 \(\frac{1}{3} \) rpm Idler.

8.00*

CONSOLE CABINET Model C-7B for B-16H Turntables



Designed to accommodate the B-16H Turntable without the use of either screws or bolts. Floats on felt. Has 2 storage compartments and pianohinged doors with flush ring-latches. Includes built-in electrical outlet and adjustable leveling domes. Metallic gray finish. Dimensions: 33" high x 22" wide x 201/2" deep.

NET PRICE \$109.95*

NOTE: All Rek-O-Kut Turntables are supplied for 110-120 volt, 60-cycle AC operation. Available in other voltages and frequencies at additional cost.

*All prices slightly higher West of Rockies.

speeds.

Manufacturers of Fine Recording and Playback Equipment, and Specialized Sound Systems.



hmaster

VARIABLE SPEED PHONOGRAPH AND SOUND SYSTEM

The Rhythmaster is basically a phonograph with a CVS-12 Turntable which permits the playing speed to be continuously varied from 25 rpm to 100 rpm without resetting the mechanism or stopping the record. It is ideally suited in applications where rhythm control is necessary: square dancing, swimming, skating, calisthenics, etc. and is used by teachers, coaches, directors, and others who recognize the advantage of being able to slow down a record to as little as ¼ of its normal tempo, or speed it up as much as 300%. The Rhythmaster is also used as a high fidelity public address sound system.



HIGH FIDELITY PHONOGRAPH AND SOUND SYSTEM

The RECITALIST is a high quality phonograph for 33½, 45 and 78 rpm records. It employs the famous Model LP-743 Turntable, a long time popular favorite with hi-fi enthusiasts (see Page E-6 for specifications). The RECITALIST is used as a public address system in the same manner as described for the Rhythmaster.

SPECIAL FEATURES of RHYTHMASTER and RECITALIST

Both the RHYTHMASTER and RECITALIST permit a microphone to be used even while a record is being played. Volume of each can be independently controlled for effective mixing. There is also provision for connecting the outputs to an existing loudspeaker system, indoors or outdoors.

or outdoors.

With the exception of the turntables, referred to above, the components, features, and specifications of both the RHYTHMASTER and RECITALIST are the same. Each is available with single speaker mounted in the detachable cover of the carrying case or may be obtained with twin speakers. In the twin speaker models, there is no provision for a speaker in the cover. The two speakers are mounted in two half-case sections which join (when not in use) to form one case.

Single Speaker Models	NET PRICE
RECITALIST RP-43M	\$239.95*
RHYTHMASTER RP-43 VM	\$279.95*
Twin Speaker Models	
RECITALIST RT-43M	\$279.95*
RHYTHMASTER RT-43 VM	\$319.95*



SPECIFICATIONS FOR RHYTHMASTER AND RECITALIST

TURNTABLE: (see above).

MOTOR: Induction — 4-pole — built to Rek-O-Kut specifications. SPEAKER: 10° PM — built to Rek-O-Kut specifications. Alnico V magnet (twin speaker models supplied with two speakers). AMPLIFIER: Frequency response is controlled by POLYPHONIC

SELECTOR.

Position 1—50 to 15,000 cycles, within 1 db.

Position 2—Bass boosted 4 db at 100 cycles, flat above 5000 cycles.

Position 3—Bass boosted 6 db at 100 cycles, flat above 5000

Position 4—Flat from 50 to 3000 cycles, Increasingly sharp cycles.

Position 4—Flat from 50 to 3000 cycles, Increasingly sharp cutoff to 14 db down at 10,000 cycles.

PICKUP: 16-inch arm with dual-sapphire magnetic cartridge.

INPUT CHANNELS: Three — high impedance — for microphone, tuner, tape playback, etc.

POWER OUTPUT: 10 watts at less than 3% total harmonic distortion.

INPUT GAIN: Microphone -- 120 db. Radio, tape -- 80 db. Magnetic pickup — 90 db. OUTPUT IMPEDANCE:

OUTPUT IMPEDANCE: 6-8 ohms at speaker jack, NOISE LEVEL: Better than 50 db below maximum output. CONTROLS: Microphone volume, phono and radio volume, and Poly-

POWER INPUT: 70 watts at 110-120 volts, 60 cycles AC. TUBE COMPLEMENT: (2) 6SL7, (2) 6V6GT, (1) 5Y3GT and

CASE: Sturdy plywood covered with gray leatherette. DIMENSIONS: 17" x 9 1/2" x 21 1/4".

TWIN SPEAKER SET

Model SPK-43

Same as furnished with Twin Speaker Models. For use with Single Speaker RECITALIST or RHYTHMASTER, or other equipment.

Complete with Case, Cables and Jacks

\$50.00* NET PRICE



RECORD PLAYERS



These record players are designed to operate into These record players are designed to operate into any amplifier or for dubbing records onto tape, wire or disc. May be used with radio, TV receiver, sound projector, recorder, etc. Models with magnetic cartridges require preamp-equalizers. Mounted in sturdy plywood, leatherette-covered case with detachable covers.

detachable covers.

P-43C with 3-speed LP-743 Turntable (see Page E-6) and crystal cartridge in 16" arm.

P-43M with 3-speed LP-743 Turntable and dual-sapphire magnetic cartridge in 16" arm.

LIST PRICE \$104.50*

P-43VC with Variable speed CVS-12 Turntable and crystal cartridge in 16" arm.

ET PRICE \$124.95*

P-43VM with Variable speed CVS-12 Turntable and dual-sapphire magnetic cartridge \$129.95*

Turntables are supplied for 110-120 volts, 60-cycl

VARIABLE-SPEED TURNTABLE CVS-12



NET PRICE \$84.95*

NOTE: All Rek-O-Kut Players and Turntables are supplied for 110-120 volts, 60-cycle AC operation. Available for other voltages and frequencies at additional cost.



Manufacturers of Fine Recording and Playback Equipment, and Specialized Sound Systems.

DISC RECORDING EQUIPMENT



PROFESSIONAL 131/4" DISC RECORDER FOR STANDARD AND MICRO-GROOVE RECORDING

> The "Challenger," America's finest professional 131/4" disc reorder, is built to meet the respective needs of the Professional Recordist, Musician, Educator and Recording Enthusiast who wants to make permanent, professional recordings. The "Challenger" embodies the most advanced design, engineering and production techniques in the disc recording industry. The many exclusive operating features incorporated in the "Challenger" simplify and improve the art of disc recording.

TIONS :

MOTOR: Hysteresis Synchronous motor (TR-12H, described in detail on page E-9), fitted with lamitex drive pulley. Suspended in sheek mounts to prevent transmission of motor vibration.

RECORDING AREA: Records from 6" up to 131/4" masters.

SPEEDS: Simple, finger-tip speed control for instantaneous selection of speed desired — $78,\ 45,\ or\ 33\ \%$ RPM.

OVERHEAD RECORDING MECHANISM:

- (a) "LIFTOMATIC SAFETY CAM" prevents double cutting and damage to the stylus by automatically raising the cutter from the disc as it approaches the center of the record.
- (b) FACILITATES INTERCHANGING LEADSCREWS for standard or micro-groove recording.

(c) SPIRAL GROOVES: Run-in, run-out and locked grooves are made with a simple, manual operation.

PICKUP ARM: 16" with dual stylus magnetic variable reluctance cartridge. Plays up to 16" broadcast transcriptions, standard commercial pressings and micro-groove records.

TURNTABLE: Precision machined aluminum fitted with hardened and ground shaft. Driven by two double-duty neoprene idlers running against the inside rim.

SPEAKER: 10" PM type, Custom-built to rigid REK-O-KUT specifications for extra power and wide range, Mounted into detachable cover of case.

CASE: Sturdy plywood covered with rich grey leatherette. Built to withstand rough usage.

DIMENSIONS: 25" x 22" x 12".

WEIGHT: 65 Lbs.

NET PRICE \$459.95*

ACCESSORIES

LEAD SCREWS: see page E-8, Model M-12.

TR-103A 45 RPM, inter-

8.00*



R-8A UNIVERSAL RECORDING AMPLIFIER (as used in DeLuxe "Challenger")

FREQUENCY RESPONSE: ±1 db from 30 to 20,000 cycles at normal setting of equalizer controls.

POWER OUTPUT: 13.5 watts at less than 3% total harmonic distortion into resistive load.

TREBLE EQUALIZER: Boost of 14 db and attenuation of 15 db above 8,000 cycles, continuously variable.

BASS EQUALIZER: Boost of 14 db and attenuation of 14 db below 50 cycles, continuously variable.

INPUT CHANNELS—FOUR: 2 high impedance microphones, phono channel compensated for G.E. or Pickering pickup, radio, Switch on rear of chassis changes phono channel for crystal pickup operation. GAIN: Microphones-120 db; Phono-90 db; Radio-80 db.

OUTPUT IMPEDANCE: 4, 8, 15, 125, 250, 500 ohms for cutter and speaker

OUTPUT SELECTOR: Three positions providing — recording, playback and public address. Microphones are muted in play-back position. MONITORING: A switch is provided giving three positions of monitor level — off, medium, loud. Speaker or headphones may be used. Meter on front panel indicates correct recording level.

HUM AND NOISE: 64 db below 13.5 watts with all controls turned for maximum hum and noise output.

CONTROLS: Microphone "1", microphone "2", radio-phone fader, output selector, treble equalizer, bass equalizer, monitor.

TUBE COMPLEMENT: (2) 6SJ7; (2) 6SL7; (1) 6SC7; (2) 6V6;

POWER SUPPLY: 105-125 volts, 50-60 cycles. POWER CONSUMED: 100 watts.

DIMENSIONS: Panel-19" x 61/4"; Chassis-17" x 8 1/4".

\$149.95* R-8A. For rack mounting, including tubes...... C-85 ... Portable Case (illustrated), additional....

NOTE: Rek-O-Kut Equipment is supplied for 110-120 volt, 60-cycle AC operation. Available in other voltages and frequencies at additional cost. *All prices slightly higher West of Rockies.

Manufacturers of Fine Recording and Playback Equipment, and Specialized Sound Systems.

MODEL V DELUXE DUAL SPEED 16" RECORDING TURNTABLES

The outstanding value in the recording field. Ruggedly constructed and precisely machined, the model "V" deluxe turntable will maintain the constant, wow-free speed and smoothness demanded in broadcast work.

The model M-5S Overhead Cutting Mechanism mounts to the "V" deluxe turntable in a matter of moments.

SPECIFICATIONS:

MOTOR: Hysteresis Synchronous equipped with lamitex pulley for maximum drive. Sus-pended in sheer shock mounts to prevent transmission of motor vibration to turntable or chassis.

TURNTABLE: Normalized aluminum alloy casting, lathe turned and balanced.

CHASSIS: Cast-iron ribbed L beam type with socket for instantaneous installation of M-5S recording mechanism.

IDLERS: Double-duty type made of Neo-prene compound provides maximum traction. Will not glaze under operating conditions.

OILING: Shafts and bearings are self-oiling. Require infrequent periodic lubrication.

SPEED CHANGE: Mastermatic self-locking instantaneous speed shift.

DIMENSIONS: Front to Back 20"; Width 20"; Height 23\(\frac{1}{2}\)" above motor board; 5" Lelow motor board; Weight 28 lbs.

Model

Net Price

"V-Deluxe" \$215.00*

ACCESSORIES

C-7 - Console cabinet, metallic grey finish, with record drawer for storing 100 transcriptions, 4 adjustable screw jacks, Built-in electrical outlets, Motorboard cutout 129.95#

V103A—45 RPM Idler and record bushing interchangeable with 33 1/3 RPM Idler

8.00



MODEL M-55 MASTER-PRO 16" OVERHEAD RECORDING MECHANISM

A precise tool for professional work. Working surfaces and moving parts are hardened, ground and polished to a micro finish. The Master-Pro is a universal machine that can be readily attached to all 16" recording turntables as well as the Rek-O-Kut model "V" recording table.

SPECIFICATIONS:

TILT AND LEVEL ADJUSTMENT: Enables the operator to level and square his unit to disc in a matter of moments.

DUAL CLUTCH SPIRALING CONTROL: A fool-proof device which eliminates the danger of spoiling a record while the crank-handle is in motion.

MICROMETER DEPTH ADJUSTMENT: For positive depth control of the cutting head. LEADSCREW: Stainless steel with matched bronze feednut.

ANGLE OF CUT: Is controlled by a simple micrometer adjustment.

GEARS: Drive gears completely enclosed to prevent fouling by loose chips. Unit equipped with 120-line O.I. Leadscrews.

DIMENSIONS: Length 16"; Width 61/2"; Height 9"; Weight 11 lbs.

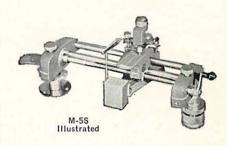
Model

M-55.....\$200.00*

EXTRA LEADSCREWS

Specify "Inside Out" or "Outside In" by letters I.O. or O.I. after part number.

		nes Per	net
Part No.		Inch	Price*
MS-105		105	\$37.50
MS-120		120	37.50
MS-135		135	. 37.50
MS-210	(Micro-Groove)	210	47.50
MS-240	(Micro-Groove)	240	47.50
MS-270	(Micro-Groove)	270	47.50



MODEL TR-12H DUAL SPEED 12" RECORDING TURNTABLE

The first 12" dual speed recording turntable to feature a SYNCHRONOUS MOTOR. Design and construction of the model TR-12H is similar to the Rek-O-Kut 16" professional recording tables. The model M-12 overhead recording mechanism is mounted to the chassis in a few moments.

SPECIFICATIONS:

TURNTABLE: Aluminum, lathe turned and balanced.

CHASSIS: Cast aluminum. Drilled and tapped for instantaneous mounting of the M-12 recording mechanism.

MOTOR: Hysteresis Synchronous, fitted with a lamitex drive pulley. Suspended in sheer shock mounts to prevent transmission of motor vibration.

SHAFTS: Hardened, ground and polished to

DRIVE: Internal rim. Drives through double-duty Neoprene idlers which insure free, smooth and quiet operation.

SPEED CHANGE: Instantaneous speed shift engages either the 78 or 33 1/3 RPM idler. FINISH: Beautiful grey wrinkle.

DIMENSIONS: Front to Back 16 1/4"; Width 16"; Height 13's" above motor board, 5" below motor board, Weight 17 lbs.

Model

Net Price \$129.95*

TR-12H With Synchronous Motor

ACCESSORY T-103A....45 RPM Idler and record bushing interchangeable with 33 1/4 RPM Idler

8.00*



MODEL M-12 OVERHEAD RECORDING MECHANISM

The M-12 Overhead Cutting Mechanism is a truly professional machine for recording enthusiasts and professionals. It incorporates many of the features found only in 16'' professional units. The M-12 records up to $13\frac{1}{4}''$ master discs and can be mounted on any 12'' recording turntable.

SPECIFICATIONS:

SPIRAL GROOVE: A run-in, run-out and locked groove made with a simple manual operation.

LEADSCREW: 10SLPI stainless steel, lapped to a matched feednut which is in constant mesh.

LIFT-O-MATIC: Automatically lifts cutter from disc as it approaches end of leadscrew. MAGNETIC CUTTER: 8 ohms, flat from 40 to 7,000 cycles.

DIMENSIONS: Length 114"; Width 44";

M-12....For 12" turntables...\$99.95*

EXTRA LEADSCREWS

Specify "Inside Out" or "Outside In" by letters I.O. or O.I. after part number.

Part No.	Lines Per Inch		Net Price*
M12-120		120	\$17.95
M12-144		144	17.95
M12-216	(Micro-Groove)	216	27.95
M12-240	(Micro-Groove)	240	27.95
M12-264	(Micro-Groove)	264	27.95

*All prices slightly higher West of Rockies.

M-12

Illustrated

NOTE: All Rek-O-Kut Turntables are supplied for 110-120 volt, 60-cycle AC operation. Available in other voltages and frequencies at

