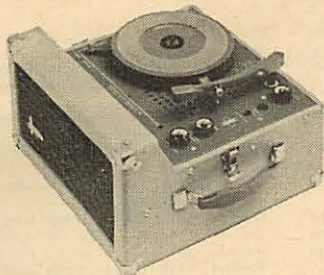


NEWCOMB

PORTABLE PHONOGRAPHS AND RADIOS

NEW MODEL R-124V

4 SPEED, VARIABLE SPEED, HI-FIDELITY PHONOGRAPH



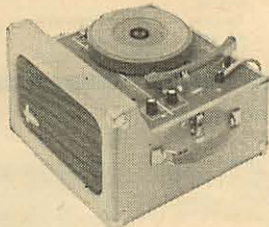
A rare combination of ruggedness and high fidelity sound, the Newcomb R-124V is built with a host of features that make it the outstanding value among portable phonographs: New four speed, variable speed motor; big two-way, 9" oval, dual cone speaker; new Bi-

Coupled 10 watt peak output system; pilot light; "Power Point" type plug-in ceramic high fidelity cartridge; rubber record mat and "Twist-up" 45 center spindle; jack for external speaker, headphones, or Newcomb Headphone Listening Center Accessory; idler release interlocked with separate motor switch; spring-suspension feet, Hide-away cord compartment; new ultra wide range tone control; compensated volume control; Tempo Control that smoothly varies speed as much as 20%. Crackproof plywood case, glue-block reinforced, covered in washable gray fabrikoid. Transformer powered, U.L. approved. DIMENSIONS: 8 1/4" x 14 3/4" x 14 3/4"; weight 20 pounds. POWER CONSUMPTION: 55 watts, 117 volts, 60 cycles A.C. LIST: \$129.50. Plus excise tax.

MODEL R-124 FIXED SPEED, except for the absence of Tempo Control, is identical to the R-124V. LIST: \$104.35. Plus excise tax.

NEW MODEL R12-C4

4 SPEED, FIXED SPEED HI-FIDELITY PHONOGRAPH



The Newcomb Model R12-C4 is a transformer powered, 8 watts peak utility model that offers safety, dependability, and high performance at low cost. New enhanced tone and volume range improves realism. It has an 8 watt inverse feedback controlled output system teamed up with a two-way 9" oval, dual cone speaker. The R12-C4 has a "Power Point" type plug-in ceramic high fidelity cartridge, idler release position, rubber record mat and "Twist-up" 45 center spindle, pilot light, spring suspension feet, crackproof plywood case covered in washable gray fabrikoid. U.L. approved. DIMENSIONS: 8 1/4" x 14 1/8" x 14 1/8"; weight 19 pounds. POWER CONSUMPTION: 55 watts, 117 volts, 60 cycles a.c. LIST: \$93.75. Plus excise tax.

tem teamed up with a two-way 9" oval, dual cone speaker. The R12-C4 has a "Power Point" type plug-in ceramic high fidelity cartridge, idler release position, rubber record mat and "Twist-up" 45 center spindle, pilot light, spring suspension feet, crackproof plywood case covered in washable gray fabrikoid. U.L. approved. DIMENSIONS: 8 1/4" x 14 1/8" x 14 1/8"; weight 19 pounds. POWER CONSUMPTION: 55 watts, 117 volts, 60 cycles a.c. LIST: \$93.75. Plus excise tax.

NEW MODEL AFM-1500 FM & AM HI-FIDELITY A.C. RADIO



Never before has such all-around excellence, high power, superb sound been built into a table model radio. The Newcomb AFM-1500 has a tuning section with the sensitivity, selectivity, and stability heretofore reserved for high fidelity tuner components costing more than this complete radio set. It has a.c., a 15 watt peak push-pull amplifier coupled with a 20 watt 9" oval, dual cone speaker capable of making full use of amplifier power. The Newcomb AFM-1500 has a pull-up, telescoping rotating FM antenna, built in "Hi-Q" ferrite rod AM antenna, tuning eye, lighted lucite sliderule type dial with reference scale and Conelrad markings, reference AM and FM pilot lights, wide ranging tone control of new design, large tuning knob, compensated volume control, external antenna terminals, jack for external speaker, headphones, or Newcomb Headphone Listening Center Accessory, jack for external amplifier, public address system, or tape recorder. Neat power cord storage on back. U.L. approved. DIMENSIONS: 16 3/4" x 9 3/4" x 8 3/8"; weight 20 1/4 pounds. POWER CONSUMPTION: 70 watts, 117 volts, 60 cycles a.c. LIST: \$199.50. Plus excise tax.

activity, and stability heretofore reserved for high fidelity tuner components costing more than this complete radio set. It has a.c., a 15 watt peak push-pull amplifier coupled with a 20 watt 9" oval, dual cone speaker capable of making full use of amplifier power. The Newcomb AFM-1500 has a pull-up, telescoping rotating FM antenna, built in "Hi-Q" ferrite rod AM antenna, tuning eye, lighted lucite sliderule type dial with reference scale and Conelrad markings, reference AM and FM pilot lights, wide ranging tone control of new design, large tuning knob, compensated volume control, external antenna terminals, jack for external speaker, headphones, or Newcomb Headphone Listening Center Accessory, jack for external amplifier, public address system, or tape recorder. Neat power cord storage on back. U.L. approved. DIMENSIONS: 16 3/4" x 9 3/4" x 8 3/8"; weight 20 1/4 pounds. POWER CONSUMPTION: 70 watts, 117 volts, 60 cycles a.c. LIST: \$199.50. Plus excise tax.

NEW MODEL R-164V

4 SPEED, VARIABLE SPEED HI-FI, MEDIUM POWER, PORTABLE COMBINATION TRANSCRIPTION PLAYER-P.A. SYSTEM



This is a versatile, portable sound system of advanced design that will play any record size up to 17 1/4 masters. It has the new four speed, variable speed Newcomb motor. The R-164V has a big 12" round, dual cone high fidelity loudspeaker with 25 foot cord and the new Bi-Coupled 10 watt peak output system. Speaker enclosure forms case lid. Jeweled pilot light and lighted operating panel, "Power Point" type plug-in ceramic high fidelity cartridge, rubber record mat and "Twist-up" 45 center spindle. Microphone input jack. Mixing volume controls. Bass tone control does not affect voice. Separate treble control. Output jack for speaker, headphones or Newcomb Headphone Listening Center Accessory. The R-164V has a long tone arm of cast metal, protective drop pad, Hideaway power cord, 4 speed settings—78, 45, 33 1/3, and 16 2/3 r.p.m.; tempo control which smoothly varies speed as much as 20%; pickup stop post; pick up lock screw; separate motor power switch that automatically retracts idler. Crackproof plywood case covered in washable gray fabrikoid. Transformer powered, U.L. approved. DIMENSIONS: 11" x 15 1/2" x 15 1/2"; weight 25 pounds. POWER CONSUMPTION: 55 watts, 117 volts, 60 cycles a.c. LIST: \$159.95.

MODEL R-164 FIXED SPEED, except for the absence of Tempo Control, is identical to the R-164V. LIST: \$139.95.

NEW HEADPHONE LISTENING CENTER

New Headphone Listening Center Kit is designed for library use, language study, group-within-a-group listening. The 8A Adapter simply plugs in the speaker outlet jack on any Newcomb Phonograph, Radio or Transcription Player (except the R12-C4) shown in this catalog. From one to eight pairs of phones can then be connected to the adapter.



MODEL LC8A Complete Listening Center Kit includes Adapter, 8 pairs of headphones, plywood compartment case covered with gray fabrikoid to match Newcomb equipment. LIST: \$89.60.
MODEL 8A Listening Center Adapter only, provides outlets for 8 pairs of headphones. LIST: \$22.50.
MODEL HDP sturdy, sensitive, double headphones with 6' cord, pin jacks, give excellent reproduction. Colored bright red and black to identify them as public property. LIST EACH: \$5.95.

NEW MODEL AM-500 AM ONLY HI-FIDELITY A.C. RADIO



A high performance, handsome, safe, rugged, economical continuous duty table model AM radio, the Newcomb AM-500 has a powerful 5 watt peak inverse feedback amplifier and big 8" oval cone loudspeaker with special tweeter cone for improved distribution and high frequency response. It has a built in "Hi-Q" antenna and terminals for external antenna. A lighted index illuminates the dial and serves as a pilot light. Dial of satin finished aluminum has large numerals and Conelrad markings. Large tuning knob drives the dial directly through planetary vernier—no strings. Jack for external speaker, headphones, or Newcomb Headphone Listening Center Accessory. Jack for external amplifier, public address system, or tape recorder. When latter is used, the amplifier-speaker system of the AM-500 becomes a fully controllable power monitor. Neat power cord storage. Crackproof plywood case covered in washable gray fabrikoid. Transformer powered, U.L. approved. DIMENSIONS: 6 1/2" x 8" x 15 1/2"; weight 10 pounds. POWER CONSUMPTION: 40 watts, 117 volts, 60 cycles a.c. LIST: \$73.50. Plus excise tax.

Specifications and Prices subject to change without notice. All parts used in Newcomb Equipment are made in U.S.A. All Newcomb Equipment Approved by Underwriters Laboratories.

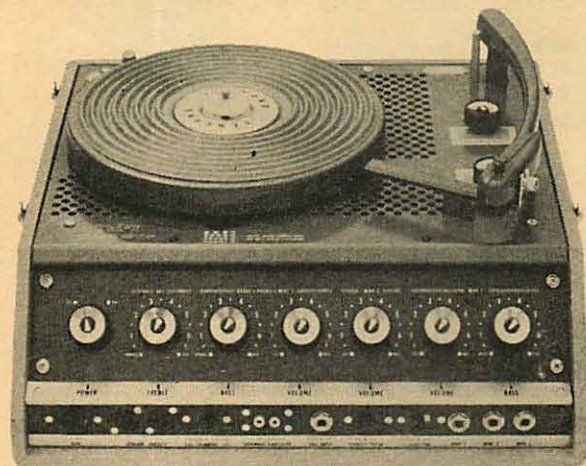
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NEWCOMB

TR SERIES HIGH POWER PORTABLE COMBINATION
TRANSCRIPTION PLAYER/P.A. SYSTEMS

NEW DESIGNS! NEW MOTORS! NEW OUTPUT SYSTEMS! NEW REPRODUCERS!



New, American-Made 4 Speed Variable Speed Motor delivers full starting torque at any speed setting; no warm-up required. The motor is remarkably stable under all conditions of use, and requires no more attention than conventional fixed speed motors. No flutter producing friction discs or cone drives used. Plays All Sizes of records up to 17 1/4" masters. New Amplifiers are engineered for optimum performance with the

particular types of speakers used with the different models to greatly improve acoustic output. Sturdy Crackproof Plywood Case is glue-blocked for additional strength, covered with washable scratch-resistant fabriroid in a very pleasing shade of warm gray. Metal Corners greatly extend life of case. Non-scratch feet are spring-floated to prevent needle skip from bumps and jars. Loudspeakers Are Protected by a kickproof, perforated metal grill.

Straps for Hanging speakers from wall provided with all standard split-case speakers. Back of speaker in most models is protected by an armored basket. 25 foot cord is provided with all speakers.

New Hideaway Cord Compartment. Power cord is coiled and tucked into compartment built into side of the case.

Readily Accessible. The top deck lifts for instant access to tubes and motor. Bottom Plate Removes for complete access to wiring.

Clear Plastic Card Holder for name of owner, room, instructor, building, or "home base".

New Sta-Kleen® Rubber Mat has deep grooves that swallow up dust and grime, protects records, is clamped on. Easily cleaned. Heavy Turntable — 10", 2 pounds — for flywheel stability, minimum wow.

Unbreakable Pop-Up 45 Spindle of nylon.

Dual-Lighted Neon Speed-O-Scope® permits precise speed setting.

Sturdy, Full-Size Carrying Handle and handhold for assistant.

New Ceramic Cartridge on TR-1625 and TR-1640 series models is dual sapphire styli, high fidelity, plug-in, "power point" type, thoroughly proven for durability, dependability, fidelity.

GE Magnetic Cartridge, twist needle type with individually replaceable microgroove and standard sapphire styli; necessary pre-amplifier built in.

Drop Pad, rubber covered, protects stylus and cartridge.

Long, One Piece, Cast Metal Pickup Arm lifts to vertical position for inspection.

Rugged Stop Post prevents putting arm in wrong position.

Stylus Pressure Adjustment for 78's or LP's.

Separate Motor Power Switch automatically retracts idler.

Tempo Control varies speed from + 5% to - 15% of any standard setting.

Positive Lock Screw holds arm securely during transportation.

Two Jeweled Pilot Lights.

Dual Lighted Panel angled for most convenient operation.

Full Through Ventilation, louvers in bottom plate, holes in deck.

"All" Channel Output Jack to external amplifier permits monitoring entire output with M-9 Monitor.

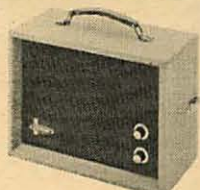
Speaker Impedance Selector matches amplifier impedance to number of speakers being used.

Auxiliary Input Jack for signal from radio, tape machine, or stereo channel.

"Phono" Output Jack delivers only phono signal to external amplifier or Newcomb Model M-9 Amplified Music Monitor.

Transformer Powered, Safe, completely isolated from the power mains. All units have UL approval.

Positive Humidity Protection is given output transformers by cellulose acetate or mylar insulation.

AMPLIFIED
MONITOR &
ACCESSORY
SPEAKERSModel M-9
Amplified
Music
Monitor

Includes a 10 watt amplifier and 9" oval, dual cone speaker. Has its own tone and volume controls. When connected to "Phono" output jack of any Newcomb transcription player, you monitor recorded music without feedback squeal, without confusion with own voice. Will monitor both voice and music if plugged into "All" output jack. Plywood case with handle covered with gray washable fabriroid. 10 pounds, 13 1/4" x 10 1/8" x 7". LIST \$104.50.

SINGLE SPEAKERS IN CASE

16 3/4" x 16 1/4" x 13 1/8"

Model S-112 Extended range, 12", 30 watt, dual cone speaker. Additional speaker for TR-1625 or TR-1625M. 25' cable. 8 ohms. 14 1/2 pounds. LIST \$65.85.

Model S-112H Heavy Duty, extended range, 12", 50 watt speaker. Additional speaker for TR-1640. 25' cable. 8 ohms. 14 1/4 pounds. LIST \$75.00.

Model S-112HF Two-way, 50 watt, reproducer. 12" woofer, crossover filter, 3 1/2" tweeter. Additional speaker for TR-1640M-HF. 25' cable. 8 ohms. 15 pounds. LIST \$89.25.

PORTABLE REFLEX REPRODUCERS

18 1/2" x 24" x 12 1/2"

Model R-112 Reflex enclosure with 12" extended range, 30 watt, dual cone speaker. Additional speaker for TR-1625MR. 25' cable. 8 ohms. 23 pounds. LIST \$96.75.

Model R-112HF Reflex enclosure with two-way, 50 watt speaker system — 12" woofer, crossover filter, 3 1/2" tweeter. Additional reproducer for TR-1640M-HFR or wherever high efficiency, high fidelity, and high power

handling capacity are desired. 25' cable. 8 ohms. 23 1/4 pounds. LIST \$133.00.

2 SPEAKERS IN SPLIT CASE

16 3/4" x 16 1/4" x 13 1/8"

Model S-212E Two 12" extended range, 30 watt, 8 ohm, dual cone speakers, each with 25' cord. 21 pounds. LIST \$96.75.

Model S-212HE Two 12" extended range, 50 watt, 8 ohm speakers (as used in TR-1640 models), each with 25' cord. 21 1/2 pounds. LIST \$116.50.

Model S-212HF Two, two-way, 50 watt, 8 ohm speaker systems — 12" woofer, crossover filter, 3 1/2" tweeter (as used in TR-1640MHF models) in each half case — each with 25' cord. 23 pounds. LIST \$133.00.

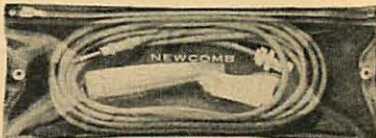
Model S-212XE Split case assembly containing two super efficiency, 60 watt, 8 ohm speakers with large, aluminum-domed, 2" voice coils and integral tweeter cones, each with 25' cord, especially for use with the TR-1656M-X2. 25 pounds. All above are wired with sockets as extension speakers. LIST \$166.00.

WEATHERPROOF OUTDOOR REPRODUCER

Model N-848 has high efficiency and better response than is usually found in horn type reproducers. 16 ohms, 25 watts. Useful indoors for directional coverage. Covers large crowds beyond capacity of cone type speakers. Four provide superb 360° coverage. Use at least two for excellent 180° coverage with any Newcomb transcription player system. Where greatly increased outdoor coverage without increase in available amplifier power is needed, the N-848 will more than double effective power. 13 1/2 pounds. LIST \$75.00.

DIMENSIONS OF NEWCOMB TR PLAYERS:

Single speaker TR players form a single case with the speaker case used as the lid. They measure 16 3/4" x 16 1/4" x 13 1/8". Multiple speaker models snap together to form two or three cases — audio unit with lid and speakers in split cases back to back. Audio units, closed, measure 16 3/4" x 16 1/4" x 8 1/2". Dimensions of speaker assemblies are given above.

MICROPHONES AND
ASSOCIATED EQUIPMENT

Model MS-23 Accessory Bag of heavy plastic, zippered, for microphones, etc., can be attached inside lid of speaker case. LIST (bag only) \$2.95.

Model N-30 Crystal Microphone with lavalier cord, stand adapter, switch, and shielded plug. LIST \$19.95.

Model N-30D Desk Mounting for N-30 only. LIST \$2.65.

Model N-36 Dynamic Professional Quality Microphone is the perfectionist's choice with any TR system, especially intended for use with TR-1640M and TR-1656M series models. Supplied with shielded cord and plug and on-off switch. LIST \$75.00.

Model N-23 Dynamic Microphone of very high quality with switch and shielded plug, recommended for general purpose use with all TR series systems. LIST \$59.50.

Model N-3766 Stand, a professional class, extremely stable, collapsible stand, beautifully finished in brushed chrome, extending from 37" to 66" for use with any standard microphone. LIST \$30.00.

Model PP-61 Stereo Conversion Pickup Cartridge, plug-in type, for any TR series player equipped with stereo output jack and plug-in ceramic cartridge. LIST: \$6.95.

Model WC-64 Connecting Cable, four feet long with plugs for connecting two TR ceramic models together for stereo. LIST: \$6.95.

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TR SERIES HIGH POWER PORTABLE COMBINATION
TRANSCRIPTION PLAYER/P.A. SYSTEMS

CERAMIC MODELS



TR-1625 SERIES

25 WATTS PEAK

Successor to the widely used TR16, the Newcomb TR-1625 is capable of doing more jobs better. Four speed, variable speed model with "Power Point" type, dual sapphire styli, high fidelity pick-up. It has a treble tone control, a bass control that does not affect mike, phono volume mixer, mike volume mixer, scratch filter switch, voice filter switch, dual pilot lights and lighted

control panel, lift-up motor board access to tubes and motor. Pick-up lock nut, stop post, drop pad. Hideaway cord compartment. Crackproof plywood case, glue blocked, covered with gray washable fabri-koid. Output jacks for stereo, for 2 speakers, and for monitoring "Phono" only or "All" using Newcomb M-9.

MODEL TR-1625 is in a single, split case with one 12" dual cone, 30 watt speaker. Weight 35 lbs. LIST \$209.00.

MODEL TR-1625-2 is in two cases with two 12" dual cone, 30 watt speakers. Weight 50 lbs. LIST: \$259.00.



TR-1640 SERIES

40 WATTS PEAK

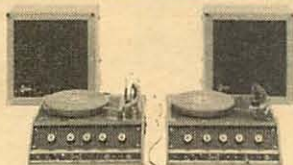
A completely new system with plenty of power to drive four loudspeakers, TR-1640 models are excellent choices for gyms, athletic fields, auditoriums. Start with a single speaker, or two speaker model; add additional speakers at any time. Provided with a treble tone control for all channels, separate bass for phono, separate bass for mike,

phono volume mixer, mike volume mixer, scratch filter switch. Two pilot lights. Lighted operating panel. Crackproof plywood case, fabri-koid covered. Easy access to tubes and wiring. Spring suspension feet. Hideaway cord compartment.

MODEL TR-1640 is in a single split case with one 12", 50 watt loudspeaker. Weight 36 lbs. LIST \$254.95.

MODEL TR-1640-2 is in two cases with two 12", 50 watt speakers. Weight 51 1/2 lbs. LIST \$314.50.

MODEL TR-1640-4 is in three cases with two 12", 50 watt speakers and two 12", 30 watt extension speakers. Weight 72 1/2 lbs. LIST \$394.00.

USE
TWO
CERAMIC
MODELS
FOR
STEREO

Ceramic models have stereo jacks. The standard monophonic ceramic cartridge is replaced with a stereo cartridge. A patch cord is run from the stereo jack on the first player to the "Auxiliary" input jack on the second. Thus, while having a perfectly balanced, fully controllable stereo reproducer, you still have two complete, individual players for other assignments.

And if you wish to use stereophonic tape, connect the two outputs of the Newcomb Model SM-310 professional stereo tape machine to the auxiliary inputs of any two Newcomb TR Series players to provide two powerful, matched reproduction channels complete with tone controls.

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MAGNETIC MODELS



TR-1625M SERIES

25 WATTS PEAK

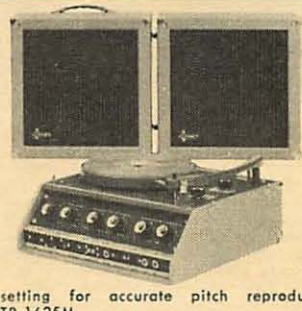
When music reproduction is a major consideration, a Newcomb TR player equipped with a magnetic cartridge is the answer. The TR-1625M is furnished with a GE variable reluctance, twist needle cartridge with sapphire styli and necessary preamplifier built in. The 4 speed, variable speed motor is a new 4 pole, deluxe unit for minimum rumble. Pilot lights; lighted panel, crackproof plywood case, 2 speaker output jacks;

"Phono" and "All" jacks to external amplifier or Newcomb M-9 Monitor. Input jacks for auxiliary equipment and microphone.

MODEL TR-1625M is in a single, split case with one 12" dual cone, 30 watt speaker. Weight 36 lbs. LIST \$231.95.

MODEL TR-1625MR is in two cases with a single 12" dual cone, 30 watt speaker in a portable bass reflex enclosure. Weight 53 lbs. LIST \$281.50.

MODEL TR-1625M-2 is in two cases with two 12" dual cone, 30 watt speakers. Weight 51 lbs. LIST \$281.50.



TR-1640M SERIES

40 WATTS PEAK

A more powerful music model with ultra-linear amplifier output system, the TR-1640M systems have the GE cartridge with built in preamp. The phono circuit is convertible to a second mike channel by merely flipping the selector switch. New 4 speed motor is the deluxe, 4 pole unit. As on all TR models a dual lighted neon strobe permits precise speed

setting for accurate pitch reproduction. Same output jacks as TR-1625M.

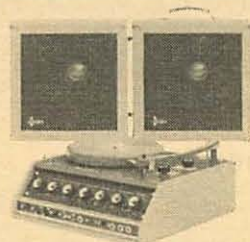
MODEL TR-1640M-HF is a single case model with a two-way speaker system including a 12", 50 watt woofer, crossover, and separate 3 1/2" tweeter. Weight 36 1/2 lbs. LIST \$307.50.

MODEL TR-1640M-HF2 is a two case system with two, two-way, 50 watt speaker systems. Weight 54 lbs. LIST \$366.00.

MODEL TR-1640M-HF4 is a three case system with two, two-way 50 watt speaker system and two 12" dual cone, 30 watt extension speakers. Weight 75 1/2 lbs. LIST \$464.50.

MODEL TR-1640M-HFR is in two cases with one two-way 50 watt speaker system in a bass reflex enclosure. Weight 54 lbs. LIST \$366.00.

MODEL TR-1640M-HFR2 is in three cases with two, two-way 40 watt speaker systems in reflex enclosures. Weight 77 lbs. LIST \$499.00.



TR-1656M SERIES

56 WATTS PEAK

Phenomenal output is achieved in these fully integrated systems. Phono channel converts to third microphone channel. First mike channel has separate bass attenuating control for voice clarity. Second mike channel is flat. The phono tone controls affect the third mike channel.

MODEL TR-1656M-HF2 is in two cases with two, two-way 50 watt speaker systems including a 12", 50 watt woofer, crossover, separate 3 1/2" tweeter. Weight 57 lbs. LIST \$432.00.

MODEL TR-1656M-HF4 is in three cases with four, two-way 50 watt speaker systems. Weight 80 lbs. LIST \$565.00.

MODEL TR-1656M-X2 is in two cases with two 12", 60 watt, super-efficient, dual cone speaker. Weight 59 lbs. LIST \$467.00.

MODEL TR-1656M-X4 is in three cases with four 12", 60 watt speakers. Weight 84 lbs. LIST \$632.00.

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Use Index (pg. 2) for Quick, Easy Location of ALL Products

The MASTER — 24th Edition

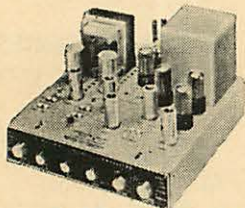
TRADE DISCOUNT APPLIES TO LIST PRICES ONLY.

Page 83

NEWCOMB

HIGH FIDELITY COMPONENTS

TWO CHANNEL STEREOHONIC AMPLIFIER

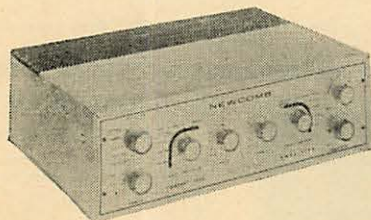


MODEL 3-D12

Two-channel stereophonic amplifier, for use in reproducing either stereo or monaural programs from records, radio, or tape. Separate bass and treble controls in distortion-free circuitry provide for control of both channels simultaneously. Channel selector provides choice of stereo or "enhanced" monaural reproduction, reverses channels to put "violins" on left, choice of channel A or B separately, base control range 0 to +18 db, treble control range -24 to +13 db. Fletcher-Munson compensated volume control for utmost low level realism. Response ± 1 db 20-20,000 cycles. Hum and noise 80 db below 12 watts.

POWER OUTPUT: Each channel, 12 watts at less than 2%. 10 watts at less than 1%. Output impedance 8 and 16 ohms to speakers at each output strip. Inputs to both channels provide for crystal pickups, high level magnetics (.008 volts), low level magnetics (.025 volts), radio (1 volt), tape (1 volt). **SIZE:** 12 $\frac{1}{2}$ " wide, 12 $\frac{1}{2}$ " deep, and 7 $\frac{3}{8}$ " high. **WEIGHT:** 19 lbs. **AUDIOPHILE NET:** \$179.50.

COMPACT 1020 AMPLIFIER



Combination amplifier/preamp rated at 20 watts. Engineered for the most critical of perfectionists, the design combines high power (20 watts at less than 1% distortion) with unusually low average level distortion (less than .05%). Response, inherently excellent to 100,000 cycles is within ± 1 db at 20 to 20,000 cycles.

Eight panel controls include: (1) power switch; (2) 5-position input and rumble filter selector; (3) 6-position bass crossover selector; (4) 6-position treble rolloff control; (5) bass tone control range -24 db to +16 db; (6) treble tone control range -27 db to +16 db; (7) level control gives maximum effectiveness to loudness control; (8) loudness control. **INPUTS FOR:** Radio, microphone, 2 magnetic pick-ups, crystal pick-up, tape, and auxiliary. "Output-to-tape" jack to permit recording while listening. Hum balance control. Hum 80 db below 20 watts. Features removable etched panel and patented Newcomb "Adjusta-Panel" for easy installation in cabinetry where desired. Output impedances 8 and 16 ohms. **TUBES:** 1-6AV6, 2-12AX7, 2-6L6GB, 1-5U4GA. **WEIGHT:** 20 $\frac{1}{2}$ pounds. **AUDIOPHILE NET:** \$159.50.

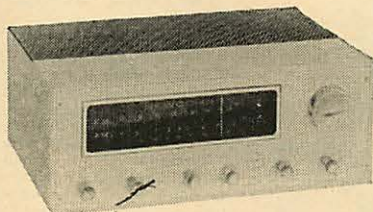
COMPACT 1012 AMPLIFIER

High performance 12 watt amplifier and preamp unit of unusually high gain. Only 4 $\frac{1}{8}$ " high, 9 $\frac{1}{8}$ " deep, and 12 $\frac{1}{2}$ " wide. Response inherently good to 100,000 cycles, with performance well within the rating of ± 1 db at 20 to 20,000 cycles. Distortion less than 1% at 12 watts. Eight panel controls include: (1) power switch; (2) 5-position input and rumble filter selector; (3) 6-position bass crossover selector; (4) 6-position treble rolloff selector; (5) bass tone control range -24 to +16 db; (6) treble tone control -27 to +16 db; (7) level control gives maximum effectiveness to loudness control compensation; (8) loudness control, frequency compensated. **INPUTS:** Radio, microphone, 2 magnetic pickup; crystal pick-up, tape, and auxiliary. "Output-to-tape" for recording while listening. Features removable etched panel and patented Newcomb "Adjusta-Panel" for easy installation in cabinetry where desired. "Petite" Pilot light. Output 8 and 16 ohms. Hum balance control. Hum 80 db below 12 watts. **TUBES:** 2-12AX7, 1-6AU6, 2-6V6, 1-5Y3. **WEIGHT:** 15 $\frac{1}{2}$ pounds. **AUDIOPHILE NET:** \$129.50.

COMPACT 1010 AMPLIFIER

Complete 10 watt amplifier/preamp and control unit only 3 $\frac{1}{16}$ " high, 7 $\frac{7}{8}$ " deep, and 9 $\frac{1}{4}$ " wide. Response 20 to 20,000 cycles ± 1 db. Distortion below 1% at 10 watts. Panel controls include: (1) input and rumble filter selector; (2) bass control range -24 to +16 db; (3) recording curve selector providing a choice of 6 important curves; (4) treble tone control range -27 to +14 db; (5) loudness control and power switch. Loudness compensation is removable by switch. **INPUTS:** Radio, microphone, 2 magnetic pick-up, crystal pick-up and tape. "Output-to-tape" jack for recording while listening. Features removable etched panel and patented Newcomb "Adjusta-Panel" for easy installation in cabinetry where desired. Hum balance control. Hum is better than 75 db below 10 watts. Non-glare "Petite" pilot light. 8 and 16 ohm output impedances. **TUBES:** 2-12AX7, 2-6V6, 1-6AX5GT. **Weight:** 8 $\frac{1}{2}$ pounds. **AUDIOPHILE NET:** \$89.50.

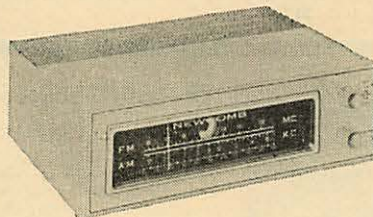
COMPACT 712 AMPLIFIER-TUNER



COMBINATION FM-AM tuner, 12-watt amplifier, preamp, and controls in one beautiful decorator-styled case. Edge-lighted tuning dial, velvety flywheel tuning. FM sensitivity exceeds 5 microvolts for 30 db of quieting. Radiation far below FCC requirements. Automatic frequency control (with defeat switch), temperature-

controlled oscillators for drift-free FM. Amplifier 20-20,000 cycles ± 1 db. Total harmonic distortion less than 1% at 12 watts. Multiplex jack for FM multiplex reception. 6-position record response control. Level and loudness controls, 8-position program selector. Inputs for magnetic pickups, crystal, tape, and aux. Size 14 $\frac{5}{8}$ " x 5 $\frac{5}{8}$ " x 10". **WEIGHT** 20 lbs. **AUDIOPHILE NET:** \$249.50.

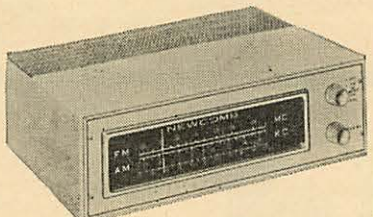
COMPACT 200 TUNER



Deluxe 2-knob FM-AM tuner with fast-acting visual tuning eye for both FM and AM. For use with amplifier having its own controls. Superior reception even in poor signal areas. Special multiplex output jack makes it adaptable for reception of stereophonic or binaural broadcasts. Smooth acting fly-wheel tuning knob. Temperature-controlled oscillators. Snap-in automatic frequency control (AFC) for FM with a defeat switch. New FM detector system with triple limiting action. Maximum output 10 volts. Audio response $\pm 1/2$ db. 20 to 20,000 cycles. Distortion less than 2/10% at 5 volts. Hum is better than 75 db below 10 volts. Radiation far below minimum FCC requirements. **OUTPUTS (3):** One FM multiplex, one to amplifier, and one to tape recorder. Cathode follower allows placement up to 200 ft. from amplifier. FM section: RF stage. Sensitivity 2 microvolts for 30 db of quieting. Accepts 72 or 300 ohm antennas. AM sensitivity is 5 microvolts. Bandwidth 8 KC. **SIZE:** 12 $\frac{1}{2}$ " x 9" x 4 $\frac{1}{8}$ ". **WEIGHT:** 11 lbs. **AUDIOPHILE NET:** \$169.50.

automatic frequency control (AFC) for FM with a defeat switch. New FM detector system with triple limiting action. Maximum output 10 volts. Audio response $\pm 1/2$ db. 20 to 20,000 cycles. Distortion less than 2/10% at 5 volts. Hum is better than 75 db below 10 volts. Radiation far below minimum FCC requirements. **OUTPUTS (3):** One FM multiplex, one to amplifier, and one to tape recorder. Cathode follower allows placement up to 200 ft. from amplifier. FM section: RF stage. Sensitivity 2 microvolts for 30 db of quieting. Accepts 72 or 300 ohm antennas. AM sensitivity is 5 microvolts. Bandwidth 8 KC. **SIZE:** 12 $\frac{1}{2}$ " x 9" x 4 $\frac{1}{8}$ ". **WEIGHT:** 11 lbs. **AUDIOPHILE NET:** \$169.50.

COMPACT 100 TUNER



An economical self-powered 2-knob FM-AM tuner of dependable high fidelity performance. For use with amplifier having its own controls. It features an important new multiplex output jack that makes it adaptable for reception of stereophonic or binaural broadcasts. Smooth fly-wheel tuning action.

Temperature controlled oscillators and snap-in automatic frequency control for FM with a defeat switch. Advanced FM detector system with double limiting action which, with other circuit advantages, decreases distortion at all modulation percentages, gives excellent adjacent channel rejection, and provides effective limiting on weak as well as strong signals. Output 2 volts at less than 1% distortion. Radiation far below minimum FCC requirements. **OUTPUTS (3):** One FM multiplex; one to amplifier; one to recorder. All high impedance. FM section sensitivity 5 microvolts for 30 db of quieting. Response ± 1 db 20 to 20,000 cycles. Accepts 72 or 300 ohm antennas. AM sensitivity is 25 microvolts. Bandwidth 8 KC. **SIZE:** 12 $\frac{1}{2}$ " x 9" x 4 $\frac{1}{8}$ ". **WEIGHT:** 10 $\frac{1}{2}$ lbs. **AUDIOPHILE NET:** \$129.50.

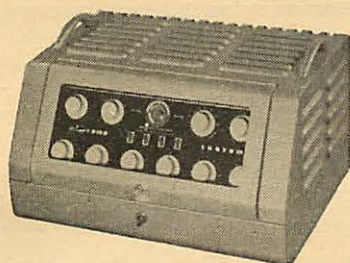
Specifications and prices subject to change without notice.

NEWCOMB

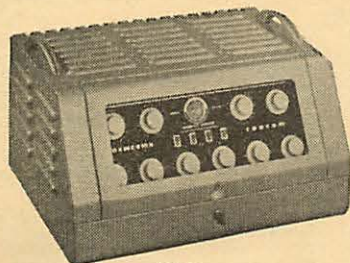
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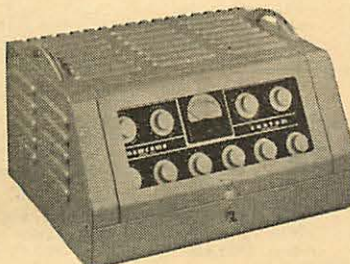
AMPLIFIERS • CUSTOM SERIES



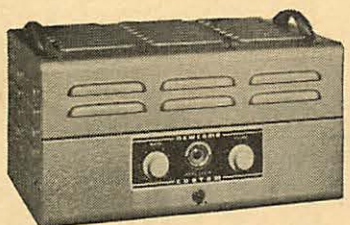
KX-25



KX-50



KX-6A



K-50B

Without equal at any price. The best examples why the name Newcomb is so revered by Engineers and Owners alike. Will improve any system. A must when using the new 2-way wide range speakers. Check these important features and specifications.

- 20-20,000 cycles ± 1 db
- Less than 3% distortion
- 90% of rating at less than 1%
- Full power any output tap
- Audio bandwidth selectors
- Hum and noise level — 80 db.
- Remote control provision — all inputs
- U/L Approved
- Continuous duty — longer life parts
- Key locked control cover
- Sensitive volume and overload indicators
- Wired for plug-in input transformers

Full audio power, 50 to 5000 cycles (region of all major power requirements) within $\pm 1/4$ db. less than 5% distortion. Separate tone controls for Bass and Treble Boost or Attenuation of advanced design for better curve shape, greater range. Feedback controlled, 2 stage mike pre-amplifiers. Hum balancing control, all models but booster. Linear mixer frequency response. All but Pre-Amplifier have output impedance of 4, 8, 16, 250, 500 ohms, PLUS a 70 volt "constant voltage" tap, with convenient, simple, impedance selector. Multistage inverse feedback. Large, heavy duty power and output transformers thoroughly impregnated against moisture. Rear connections avoid unsightly wires, simplify rack installation. A. C. convenience outlet in rear, all models except booster. CABINETS: Heavy gauge welded steel beautifully styled. FINISH: Silver Grey Hammertone Baked Enamel. PANELS: Etched metal, illuminated. KNOBS: Round, large, skirted type, for easy operation. Additional specifications given under specific model numbers.

KX-25: 25 watts power output design center, rating, 30 watts max. at less than 3% distortion any output tap. PEAK POWER: 40 watts design center, 48 watts max. INPUTS (6): 5 mike (2 meg.), gain 123 db; 1 phono either Magnetic input gain 99 db based on 27000 ohm input, bass equalization +10 db or Crystal input $1/2$ meg. gain 90 db. REMOTE CONTROL: Use RC-6 remote control unit. BASS TONE CONTROL: Range — 16 to +25 db. TREBLE TONE CONTROL: Range —30 to +20 db. HUM: —80 db controls off, —75

KX-50: 50 watts power output design center rating, 60 watts max. at less than 3% distortion any output tap. PEAK POWER: 80 watts design center, 90 watts, max. BOOSTER COUPLING JACK for connecting K50B Boosters for 100 watts or more. All other characteristics identical with KX-25 except gains, which are all

KX-6A: A 6 channel mixer pre-amplifier designed to feed broadcast lines or boosters for finest quality. OUTPUT: +31 VU, less than 3% distortion, +30 VU at less than 1%. Has built in power supply and genuine VU meter with meter range extension switch. INPUTS: for 5 mikes (2 meg.) gain 97 db and 1 phono either crystal ($1/2$ meg.) gain 64 db or magnetic (27,000 ohms) gain 73 db. Use RC-6 Unit for remote control. Includes Master Volume Control and same fine Dual Tone Controls and Audio Bandwidth Selectors as in KX-25 and KX-50. BASS TONE CON-

K50B: Booster Amplifier. Performance, power and output impedance same as KX-50 with but one input of $1/2$ meg. impedance, gain 71 db. Provision for plug-in bridging or low impedance transformer. Built for continuous duty with long life parts, separate plate, and filament power transformers, individually fused, permits dependable plate power switching. Includes volume and overload

db crystal phono. —65 db mike and magnetic pickup inputs (Referred to rated output). CONTROLS (15): 5 mike, 1 phono, 1 bass, 1 treble, 4 bandwidth, 1 master, 1 volume indicator (all under keylocked control cover) A.C. power switch. TUBES (15): 6-6SC7, 2-6J5, 1-6J7, 1-6SQ7, 1-6SN7, 2-6L6G, 1-6AF6G, 1-5U4G. POWER CONSUMPTION: 135 watts, 117 volts 60 cycles A.C. Max. Input 129 volts. DIMENSIONS: $9\frac{3}{8}'' \times 17\frac{3}{4}'' \times 14\frac{3}{4}''$. WEIGHT: 38 $\frac{1}{2}$ lbs. LIST: (with tubes) \$456.92. Use Cannon XL3-11 type microphone connectors.

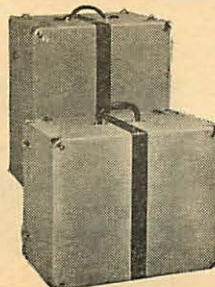
3 db higher than KX-25. TUBES (18): 6-6SC7, 2-6J5, 1-6SQ7, 1-6J7, 1-6SN7, 4-6L6G, 1-6AF6G, 2-5U4G. POWER CONSUMPTION: 235 watts, 117 volts 60 cycles A.C. Max. Input 129 volts. DIMENSIONS: $9\frac{3}{8}'' \times 17\frac{3}{4}'' \times 14\frac{3}{4}''$. WEIGHT: 46 lbs. LIST: (with tubes) \$532.03. Use Cannon XL3-11 type microphone connectors.

TROL: Range —16 to +25 db. TREBLE TONE CONTROL: Range —30 to +20 db. HUM: —80 db controls off, —80 db crystal —75 db mike and magnetic. CONTROLS (12): 5 mike, 1 phono, 1 bass, 1 treble, 1 master, 1 four position bandwidth (all under key locked cover), 1 A.C. power switch, 1 VU meter range switch (in rear). TUBES (12): 6-6SC7, 4-6J5, 1-6J7, 1-6X5. POWER CONSUMPTION 35 WATTS, 117 volts 60 cycles A.C. MAX. Input 129 volts. DIMENSIONS: $9\frac{3}{8}'' \times 17\frac{3}{4}'' \times 14\frac{3}{4}''$. WEIGHT: 30 lbs. LIST: (with tubes) \$400.29. Use Cannon XL3-11 type microphone connectors.

indicators as in KX-50. Ample multistage feedback to minimize effects of speaker load variations. Etched metal panel. TUBES (10): 1-6J7, 1-6SN7, 1-6SQ7, 5-6L6G, 1-6AF6G, 2-5U4G. POWER CONSUMPTION: 230 watts 117 volts 60 cycles. 129 volts max. DIMENSIONS: $9\frac{3}{8}'' \times 17\frac{3}{4}'' \times 12\frac{1}{4}''$. WEIGHT: 41 lbs. LIST: (with tubes) \$225.00. PLUG KIT: \$2.50.

NEWCOMB

PORTABLE SYSTEMS • CUSTOM SERIES

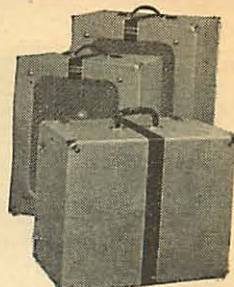


KX-2512X: Portable system with KX-25 amplifier and two heavy duty, extremely efficient speakers, each with 50' cable. System is carried in two cases: Model KA for the amplifier, size $19'' \times 11\frac{3}{4}'' \times 16\frac{7}{8}''$; Model K-212X for two speakers, size $18\frac{1}{2}'' \times 12\frac{1}{2}'' \times 22\frac{1}{2}''$. Speakers face inside for maximum protection when split case is closed. Mikes and mountings not included as requirements vary. LIST: (less mikes and stands) \$645.57.

KA: Amplifier case fits all model K amplifiers. LIST: \$35.00.

KX-25R12X: Portable system identical to KX-2512X but with each speaker mounted in an individual portable reflex baffle. Model KR-112X, for utmost tone quality. Speaker cases size, $18\frac{1}{2}'' \times 12\frac{1}{2}'' \times 24\frac{1}{2}''$. Mikes and mountings not included as requirements vary. LIST: (less mikes and stands) \$716.82.

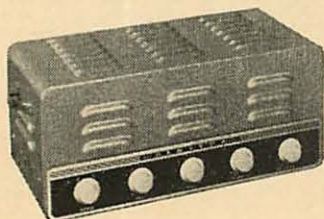
All Prices and Specifications Subject to Change Without Notice.



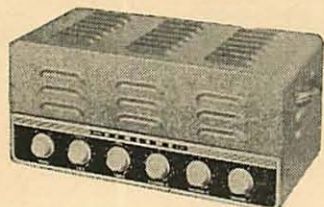
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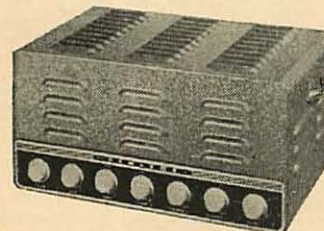
NEWCOMB

AMPLIFIERS • DELUXE SERIES
PORTABLE SYSTEMS

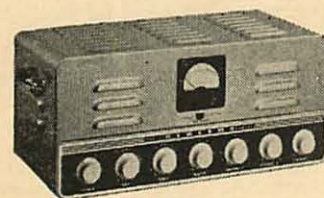
H-15



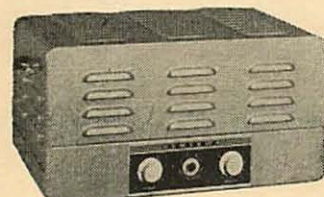
H-25



H-50



H-4VU



H-25B



H-50B

For Performance, Dependability and Value check these features and specifications:

- 20-20,000 cycles \pm 2 db
- Full Power any output tap
- Less than 5% distortion
- 90% of rated power at less than 2%
- Remote Control provision — all mikes
- U/L Approved
- Continuous duty—longer life parts
- Wired for plug-in input transformers

Full Audio Power, 50 to 5000 cycles (region of all major power requirements) within \pm 1/2 db. less than 5% distortion. Individual boost and attenuate type bass and treble tone control in new distortion free circuit. Linear mixer frequency response. All models but pre-amplifier have output impedances of 4, 8, 16, 250, and 500 ohms PLUS a 70 volt "constant voltage" tap, with easily-operated impedance selector. Multi-stage inverse feedback. Large heavy duty power and output transformers thoroughly impregnated against moisture. Rear connections avoid unsightly wires, simplify rack installations. A. C. convenience outlet in rear, all models except boosters. CABINETS: Heavy gauge welded steel beautifully styled in modern functional simplicity that endures. FINISH: Silver Gray Hammertone Baked Enamel. PANEL: Etched metal, illuminated. KNOBS: Large, round, skirted type, for ease of operation. Additional specifications under specific model numbers.

H-15: 17 watts power output design center rating, 20 watts max. at less than 5% distortion, any output tap. PEAK POWER: 26 watts design center, 31 watts max. INPUTS (3): 2 mike (2 meg.), gain 120 db; 1 phonograph (1/2 meg.), gain 80 db. BASE TONE CONTROL: Range -16 to +14 db. TREBLE TONE CONTROL: -34 to +13 db. HUM: -72 db phono input, -62 db mike inputs (referred to rated

output). CONTROLS (5): 1 mike-phonograph, 1 bass, 1 treble, 1 A.C. power switch. REMOTE CONTROL: Use RC-2 remote control unit. TUBES (7): 2-6SF5, 1-6SJ7, 1-6SN7, 2-6L6G, 1-5Z4. POWER CONSUMPTION: 85 watts, 117 volts 60 cycles A.C. Max. input 129 volts. DIMENSIONS: 8 1/4" x 19" x 10 1/8". WEIGHT: 20 lbs. LIST: (with tubes) \$183.59. Use Cannon XL3-11 type microphone connectors.

H-25: 25 watts power output design rating, 30 watts max. at less than 5% distortion, any output tap. PEAK POWER: 40 watts design center, 48 watts maximum. INPUTS (4): 3 mike (2 meg.), gain 124 db; 1 phonograph (1/2 meg.), gain 80 db. BASS TONE CONTROL: -18 to +15 db. TREBLE TONE CONTROL: Range -27 to +10 db. HUM: -72 db phono input, -62 db mike inputs (referred to

output). CONTROLS (6): 2 mike, 1-mike-phonograph, 1 bass, 1 treble, 1 A.C. power switch. REMOTE CONTROL: Use RC-3 remote control unit. TUBES (8): 3-6SF5, 1-6SJ7, 1-6SN7, 2-6L6G, 1-5U4G. POWER CONSUMPTION: 125 watts, 117 volts, 60 cycles A.C. Max. Input 129 volts. DIMENSIONS: 8 1/2" x 19" x 10 1/8". WEIGHT: 24 lbs. LIST: (with tubes) \$215.03. Use Cannon XL3-11 type microphone.

H-50: 50 watts power output design center rating, 60 watts max. at less than 5% distortion, any output tap. PEAK POWER: 80 watts design center, 90 watts max. INPUTS (5): 4 mike (2 meg.), gain 124 db. 1 phono (1/2 meg.), gain 81 db. BOOSTER COUPLING JACK for connecting H-25B or H-50B Boosters for 75 to 100 watts or more. BASS TONE CONTROL: Range -21 to +16 db. TREBLE-TONE CONTROL: Range -27 to +10 db.

H-4VU: Mixer Pre-Amp. with built-in power supply. Extremely low hum. Suitable for feeding telephone lines or booster amplifiers such as the H-25B or H-50B. Output +22 db at less than 5% distortion. +21 db at less than 2%. INPUTS for three mikes (2 meg.), gain 90 db, 1 phono (1/2 meg.), gain 51 db. HUM: Better than, -80 db from phono input or -75 db, mike inputs. Use RC-3 Unit for remote control. Includes master con-

H-25B: Booster Amplifier — Performance Power and Output Impedances same as H-25 with but one input of 1/2 meg. impedance, gain 68 db. Provision for plug-in bridging or low impedance transformer. Etched metal panel with pilot light, A.C. power switch and volume control. Ideal for use with H-4 Pre-amplifier.

H-50B: Booster Amplifier — Performance, Power and Output Impedances are same as H-50 with but one input of 1/2 meg. impedance, gain 71 db. Provision for plug-in bridging or low impedance transformer. Etched metal panel with pilot light, A.C. switch and volume control.

rol and genuine VU meter with meter range extension switch. BASS TONE CONTROL: Range -16 to +14 db. TREBLE TONE CONTROL: Range -27 to +13 db. TUBES (7): 3-6SF5, 1-6SJ7, 1-6SN7, 1-6J5, 1-6X5. POWER CONSUMPTION: 30 watts, 117 volts, 60 cycles A.C. Max. Input 129 volts. DIMENSIONS: 8 1/2" x 19" x 10 1/8". WEIGHT: 17 1/2 lbs. LIST: (with tubes) \$228.44. Without UV meter \$182.94. Use Cannon XL3-11 type microphone connectors.

Built for long life. TUBES (5): 1-6J5, 1-6J5, 2-6L6G, 1-5U4G. POWER CONSUMPTION: 120 watts, 117 volts, 60 cycles A.C. Max. Input 129 volts. DIMENSIONS: 8 1/2" x 19" x 10 1/8". WEIGHT: 22 lbs. LIST: (with tubes) \$149.50. PLUG KIT: \$1.69.

Built for long life. TUBES (5): 1-6J5, 1-6J5, 2-6L6G, 1-5U4G. POWER CONSUMPTION: 220 watts, 117 volts, 60 cycles A.C. Max. Input 129 volts. DIMENSIONS: 9 1/4" x 19" x 12 1/2". WEIGHT: 33 1/2 lbs. LIST: (with tubes) \$189.50. PLUG KIT: \$1.69.

Built for long life. TUBES (5): 1-6J5, 1-6J5, 2-6L6G, 1-5U4G. POWER CONSUMPTION: 220 watts, 117 volts, 60 cycles A.C. Max. Input 129 volts. DIMENSIONS: 9 1/4" x 19" x 12 1/2". WEIGHT: 33 1/2 lbs. LIST: (with tubes) \$189.50. PLUG KIT: \$1.69.

Built for long life. TUBES (5): 1-6J5, 1-6J5, 2-6L6G, 1-5U4G. POWER CONSUMPTION: 220 watts, 117 volts, 60 cycles A.C. Max. Input 129 volts. DIMENSIONS: 9 1/4" x 19" x 12 1/2". WEIGHT: 33 1/2 lbs. LIST: (with tubes) \$189.50. PLUG KIT: \$1.69.

Built for long life. TUBES (5): 1-6J5, 1-6J5, 2-6L6G, 1-5U4G. POWER CONSUMPTION: 220 watts, 117 volts, 60 cycles A.C. Max. Input 129 volts. DIMENSIONS: 9 1/4" x 19" x 12 1/2". WEIGHT: 33 1/2 lbs. LIST: (with tubes) \$189.50. PLUG KIT: \$1.69.

NEWCOMB DELUXE PORTABLE SYSTEMS

H-1512R: Portable system with H-15 amp. and two 12" speakers, each with 25' cable, in split case Model EH-212R, size 11 1/2" x 20 1/2" x 21", covered in washable fabricoid. Kickproof metal grills protect speakers. Mikes and mountings not included as requirements vary. LIST: (less mikes and stands) \$283.09.

H-2512R: Portable system with H-25 amp. and two 12" speakers, each with 25' cable in split case, Model EH-212R. Size, 20 1/2" x 11 1/2" x 21". Mikes and mountings not included as requirements vary. LIST: (less mikes and stands) \$314.53.

All Prices and Specifications Subject to Change Without Notice.



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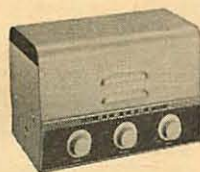
AUDIO PRODUCTS CO. • HOLLYWOOD 38, CALIFORNIA

NEWCOMB

AMPLIFIERS • SPECIAL SERIES



The same fine workmanship and materials as the incomparable KX- and H-Series. Designed to lead the low-price field. For performance, dependability and economy the E-Series is today's best combination of high quality and low cost. All models U/L Approved.



E-10A: Delivers 10 watts from push-pull 6V6 tubes. Separate mike and phono controls. Multistage inverse feedback circuit. **POWER OUTPUT:** 10 watts at less than 5%. **FREQUENCY RESPONSE:** 40 to 15,000 cycles \pm 2 db. **INPUTS:** (2) 1 mike (2 meg.) gain 116 db. Wired for plug-in input transformers. 1 phono ($\frac{1}{2}$ meg.) gain 77 db. **TONE CONTROL:** Range 0 to -24 db. **OUTPUT**

IMPEDANCES: 4, 8, 16 and 500 (70 Volt Tap) ohms to octal socket. **TUBES:** (5) 1-6SC7, 1-6SJ7, 2-6V6GT, 1-6X5GT. **FINISH:** Silvergrey hammertone baked enamel. **PANEL:** Genuine etched enamel. **POWER CONSUMPTION:** 60 watts at 117 volts, 60 cycles A.C. **SIZE:** 5 $\frac{3}{4}$ " x 10 $\frac{3}{8}$ " x 6 $\frac{3}{4}$ ". **WEIGHT:** 9 $\frac{1}{2}$ lbs. Less cover, 7 $\frac{1}{2}$ lbs. **LIST:** (with tubes, without cover) \$69.50. **Cover \$7.21. PLUG KIT:** \$1.71.



E-17P3: A conservative 17 watt model with 3 speed phono. Separate bass and treble controls, phono bass boost, multi-stage inverse feedback circuit. Input controls for mike and phono. **POWER OUTPUT:** 17 watts at less than 5%. **FREQUENCY RESPONSE:** \pm 2 db. 40 to 15,000 cycles. **INPUTS:** 1 mike (2 meg.) gain 115 db. Wired for plug-in input transformers. 1 phono ($\frac{1}{2}$ meg.) gain 77 db. **OUTPUT IMPEDANCES:** 4, 8, 16, 290 (70 Volt Tap) and 500 ohms. **TUBES:** (5) 1-12AX7, 1-6SJ7, 2-6L6G, 1-5Y4G. **FINISH:** Silvergrey hammertone baked enamel. **PANEL:** Etched metal, lighted. **POWER CONSUMPTION:** 75 watts at 117 volts, 60 cycles A.C. **SIZE:** 8 $\frac{3}{8}$ " x 14 $\frac{1}{8}$ " x 8". **WEIGHT:** 15 $\frac{1}{2}$ lbs. **LIST:** (with tubes) \$151.55. **PLUG KIT:** \$2.28.

E-17: A 17 watt amplifier without 3 speed phono. Otherwise identical to model E-17P3. **LIST:** (with tubes and cover) \$107.50. **PLUG KIT:** \$2.28.



E-25: A dependable, full 25 watts with inputs for 2 mikes and 1 phono, separate bass and treble controls, phono bass boost, multi-stage inverse feedback circuit. **POWER OUTPUT:** 25 watts at less than 5%. **FREQUENCY RESPONSE:** \pm 2 db. 40 to 15,000 cycles. **INPUTS:** (3) 2 mike (2 meg.) gain 117 db. Wired for plug-in input transformers. 1 phono ($\frac{1}{2}$ meg.) gain 77 db. **OUTPUT IMPEDANCES:** 4, 8, 16, 196 (70 Volt Tap) and 500 ohms. **TUBES:** (6) 1-12AX7, 1-6SC7, 1-6J5, 2-6L6G, 1-5Y4G. **FINISH:** Silvergrey hammertone baked enamel. **PANEL:** Etched metal, lighted. **POWER CONSUMPTION:** 90 watts, 117 volts, 60 cycles A.C. **SIZE:** 8 $\frac{3}{8}$ " x 14 $\frac{1}{8}$ " x 8". **WEIGHT:** 18 $\frac{1}{4}$ lbs. **LIST:** (with tubes and cover) \$139.50. **PLUG KIT:** \$3.24.

E-25P3: A 25 watt amplifier with 3 speed phono. Otherwise identical to model E-25. **LIST:** (with tubes) \$183.18. **PLUG KIT:** \$3.24.



E-254P3: A highly versatile, yet economical 4 channel, 25 watt amplifier with 3 speed phono. **FEATURES:** High gain, inputs for 3 mikes and 1 phono, separate bass and treble tone controls, phono bass boost, multi-stage inverse feedback circuit. Pickup is high-grade turnover crystal. **POWER OUTPUT:** 25 watts at less than 5% distortion. **FREQUENCY RESPONSE:** \pm 2 db, 40 to 15,000 cycles. **3 MIKE INPUTS:** 2 meg., gain 123 db. Wired for plug-in input transformers. **PHONO INPUT:** $\frac{1}{2}$ meg., gain 83 db. **OUTPUT IMPEDANCES:** 4, 8, 16, 196 (70 Volt Tap) and 500 ohms. **TUBES:** (8) 3-6SF5, 1-6SJ7, 1-6SN7, 2-6L6G, 1-5Y4G. **FINISH:** Silvergrey hammertone baked enamel. **PANEL:** Etched metal illuminated. **CONTROLS:** 3 mike, 1 phono, 1 bass, 1 treble and power switch. **POWER CONSUMPTION:** 105 watts at 117 volts, 60 cycles A.C. **SIZE:** 8 $\frac{3}{8}$ " x 14 $\frac{1}{8}$ " x 8". **WEIGHT:** 18 $\frac{1}{4}$ lbs. **LIST:** (with tubes) \$213.18. **PLUG KIT:** \$3.90.

E-254: A 25 watt amplifier without 3 speed phono. Otherwise identical to model E-254P3. **LIST:** (with tubes and cover) \$169.50. **PLUG KIT:** \$3.90.



E-50: A distortion-free, conservatively rated 50 watts using push-pull parallel 6L6 tubes and multi-stage inverse feedback circuit. Has inputs for 2 mikes, 1 phono, separate bass and treble controls, phono bass boost. Same as E-25 except as follows:

POWER OUTPUT: 50 watts at less than 5%. **Mike gain** 120 db. Wired for plug-in input transformer **Phono gain** 79 db. **OUTPUT IMPEDANCES:** 4, 8, 16, 98 (70 Volt Tap) and 250 ohms. **TUBES:** (9) 1-6SJ7, 1-12AX7, 1-6J5, 4-6L6G, 2-5Y4G. **POWER CONSUMPTION:** 170 watts at 117 volts, 60 cycles A.C. **SIZE:** 11 $\frac{1}{4}$ " x 14 $\frac{3}{4}$ " x 8 $\frac{1}{2}$ ". **WEIGHT:** 29 lbs. **LIST:** (with tubes and cover) \$196.50. **PLUG KIT:** \$3.24.



E-504: A 4 channel 50 watt amplifier featuring; high gain, inputs for 3 mikes and 1 phono, separate bass and treble tone controls, phono bass boost, multi-stage inverse feedback, push pull parallel output system for lowest distortion at all power levels. **POWER OUTPUT:** 50 watts at less than 5% distortion. **FREQUENCY RESPONSE:** \pm 2 db, 40 to 15,000 cycles. **THREE MIKE INPUTS:** 2 meg., gain 126 db. Wired for plug-in input transformers. **PHONO INPUT:** $\frac{1}{2}$ meg., gain 86 db. **OUTPUT IMPEDANCES:** 4, 8, 16, 98 (70 Volt Tap) and 250 ohms. **TUBES:** (11) 3-6SF5, 1-6SJ7, 1-6SN7, 4-6L6G, 2-5Y4G. **FINISH:** Silvergrey hammertone baked enamel. **PANEL:** Etched metal, illuminated. **CONTROLS:** 3 mike, 1 phono, 1 bass, 1 treble and power switch. **POWER CONSUMPTION:** 180 watts, 117 volts, 60 cycles A.C. **SIZE:** 11 $\frac{1}{4}$ " x 14 $\frac{3}{4}$ " x 8 $\frac{1}{2}$ ". **WEIGHT:** 30 lbs. **LIST:** (with tubes and cover) \$239.50. **PLUG KIT:** \$3.90.

All prices and specifications subject to change without notice.

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Page 87

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PORTABLE AMPLIFIERS

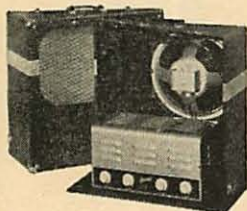


SERIES



E-1010S: A 10 watt basic portable consisting of one E-10 amplifier with plugs and one E-110S case assembly with efficient 10" P.M. speaker protected by a kick-proof metal grill. Speaker cable 25'. Overall size: 12 1/4 x 15 3/4 x 8 3/4".

Weight: 19 lbs. LIST: (less mike and stand) \$126.82.

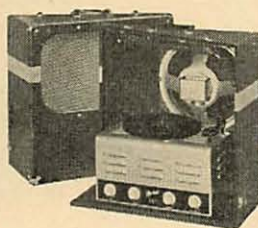


E-1712R: A 17 watt dual speaker portable system consisting of one EH-212R split speaker and amplifier case assembly with two 12" high quality P.M. speakers, each with 25' cable, protected by kick-proof grills, and one E-17 amplifier with plugs. Size: 11 1/2 x 20 1/2 x 21". Weight: 40 lbs. LIST: (less mike and stand) \$209.28.

E-2512R: A 25 watt dual speaker portable system with model E-25 amplifier. Weight 42 1/2 lbs.

LIST: (less mikes and stands) \$242.24.

E-25412R: A 25 watt dual speaker portable system consisting of one EH-212R split case assembly with two 12" P.M. speakers each with 25' cable, and model E-254 four channel amplifier. LIST: (less mikes and stands) \$272.90.



E-17P312R: A 17 watt dual speaker portable system with 3 speed phono. Consists of model E-17P3 amplifier in EH-212R split case assembly. LIST: (less mike and stand) \$252.96.

E-25P312R: A 25 watt dual speaker portable system with 3 speed phono. Model E-25P3 amplifier in EH-212R split case assembly. LIST: (less mikes and stands) \$285.92.

E-254P312R: A 25 watt dual speaker portable system with 3 speed phono. Same as E-25412R but with 3 speed phono top amplifier model E-254P3. LIST: (less mikes and stands) \$316.58.

**ALL NEWCOMB
tuners, amplifiers, phonographs
and sound systems are
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NEWCOMB

MOBILE AMPLIFIERS



SERIES

E-10M: A 10 watt mobile amplifier. For use on 6 V.D.C. or 117 V.60 cycles A.C. Features push-pull beam power output tubes with inverse feedback for low distortion, standby, battery saver switch, new freedom from vibrator hash, special mounting for easy removal of chassis, inputs for mike and phono, sturdy Jones connectors for battery and A.C. cables. **POWER OUTPUT:** 10 watts at less than 5%. **FREQUENCY RESPONSE:** ± 2 db. 50 to 15,000 cycles. **INPUTS:** Mike (2 meg.) gain 115 db. phono (1/2 meg.) gain 75 db. **OUTPUT IMPEDANCES:** 4, 8, 16 ohms. **TUBES:** (5) 1-6SC7, 1-6SF5, 2-6V6GT, 1-6X5GT. **POWER CONSUMPTION:** 60 watts. 117 volts, 8 amps. at 6 V.D.C. **FINISH:** Silvergrey hammertone baked enamel. **PANEL:** Etched metal with pilot lamp. **SIZE:** 6 1/2 x 6 3/4 x 8 1/4". **WEIGHT:** 9 3/4 lbs. LIST: (with tubes) \$99.75. Plug Kit \$1.39.



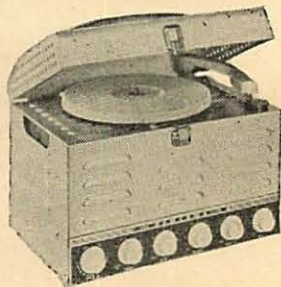
All Newcomb equipment U/L approved. Prices and specifications subject to change without notice.

**No matter what price level . . .
if it's a NEWCOMB,
it's DEPENDABLE!**

Sound installations vary greatly in their needs of complexity as well as requirements of cost. Yet, one important feature is required of all — dependability. No matter how complex, or how simple and inexpensive your needs may be . . . you can enjoy utmost dependability by insisting on a Newcomb amplifier for your sound system. No product bears the name Newcomb unless it is inherently dependable, no matter on what price level you find it. Under the Newcomb name there is only one standard for quality . . . the best! Newcomb amplifiers vary in their complexity, but never in dependability. Quality of parts, materials or workmanship are never sacrificed here to gain lower price. Lower cost of one Newcomb model as compared to another is always entirely the result of greater simplicity.

12-VOLT

Newly developed E-253M Series Newcomb Amplifier designed for use anywhere. Ultra modern 25 watt unit available in several styles with and without turntable (see below). May be used on either 12-volt storage battery or 117 volt 60 cycle AC power source with equal effectiveness. Consumes as much as 20% less battery current; weighs up to 30% less. Separate bass and treble tone controls; two microphone channels each with the new standard broadcast type connectors and convertible to low impedance with Newcomb humless plug-in input transformers; high gain separate phono channel for ceramic pickups; extra input for tape; standby switch to reduce idle battery consumption more than 70%; new freedom from vibrator hash; heat resistant ceramic pickup and turret type motor in 3-speed phono top; completely U/L Approved.



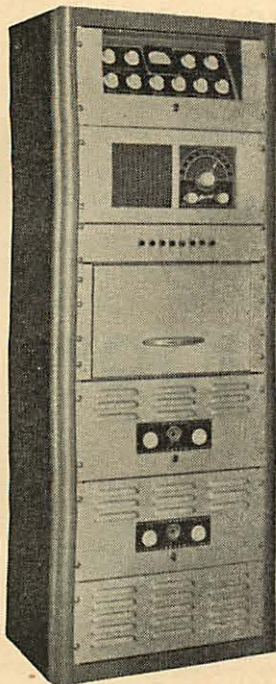
POWER OUTPUT: 25 watts at less than 3% total harmonic distortion, peak power 40 watts. **FREQUENCY RESPONSE:** 30 — 20,000 cycles ± 2 db. **HUM LEVEL:** 70 db below 25 watts. **INPUTS:** Two mike (2 meg.) gain 122 db; one phono (2 meg.) gain 90 db; and one tape (2 meg.) gain 90 db. Mike inputs convertible to low impedance using Newcomb plug-in transformers. **CONTROLS:** One stand-by switch, one power switch and treble tone control, one bass tone, one phono, two microphone, one phono motor control (on phono top models), and one hum balance control. **OUTPUT IMPEDANCE:** 4, 8, 16, and 500 ohms and a 70 volt tap to impedance selector and two output sockets. **POWER CONSUMPTION:** On 117 volts 60 cycles AC, 100 watts. On 12 volts DC, 8.85 amps (with phono top, 10.3 amps.). Stand-by current less than 3 amps. **SIZE:** 14 1/4 x 9 1/2 x 8" high (with cover (height 10 1/4")). **TUBES:** 1-12AX7, 1-12AU6, 2-6L6G, 2-6X5GT, 1-12AV7, E-253M — plain top model, list price \$214.50. (Weight, 24 lbs.). E-253M3 — 3-speed phono-top model, list price \$249.50. (Weight, 28 1/4 lbs.). PC — Protective turntable cover with "king-sized" handle for use on Model E-253M3 only, list price \$15.00. (Weight, 2 3/4 lbs.). Above prices include both battery and AC power cables.

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RACK AND PANEL ASSEMBLIES



Any standard Newcomb amplifier may be obtained panel mounted on special order in 19" x 8 $\frac{3}{4}$ " panels, thus giving the custom designer a wide choice of equipment to meet any need.

MODEL 595-19 CABINET: (illustrated) Supplies a demand for a beautifully finished housing that is fully in keeping with the Newcomb tradition and reputation for quality. Panel space is 56". Design accepts standard 19" wide panels. Mounting holes are RMA standard 1 $\frac{1}{4}$ " and $\frac{1}{2}$ " spacings. Panel mounting holes are tapped in $\frac{1}{8}$ " stock. Fully ventilated rear door provides easy accessibility. Entire cabinet is a complete welded assembly ready for use as you receive it. Finish is dark grey hammetone. Provision is made in the rear for nine $\frac{1}{2}$ " conduits. Included is a removable terminal strip mounting plate located near conduit inlets. **OVERALL DIMENSIONS:** 59 $\frac{1}{2}$ " x 23" wide x 16" deep. **SHIPPING WEIGHT:** 92 lbs. **LIST:** \$189.50.

MODEL 385-19 CABINET: Provides 35" of panel space for standard 19" panels. **OVERALL DIMENSIONS:** 38 $\frac{1}{2}$ " x 23" wide x 16" deep. **SHIPPING WEIGHT:** 72 lbs. **LIST:** \$149.50.

In addition to the panel mounted amplifiers Newcomb also provides a wide selection of other equipment designed for custom rack installations.

MODEL 1050-C PHONOGRAPH CHANGER PANEL is a practical solution to mounting a phono changer in cabinet 595-19. Ball bearing drawer with wood motor board is adaptable for mounting most popular changers. Panel size 19" x 10 $\frac{1}{2}$ ". All panels are finished in silver-grey hammetone baked enamel. **MODEL E2-525 PRE-AMPLIFIER** answers the need for a simple, dependable but economical pre-amp for rack use. **MODEL TB2-525 INTERCOM AMPLIFIER** has built-in power supply, speaker, talk-listen switch and separate talk and listen volume controls.

MODEL B-100-875 AM RADIO is the Newcomb B-100 radio mounted on an 8 $\frac{3}{4}$ " panel. (See listing page B-7.) **MODEL 700-MP MONITOR** is available for installation of any 6" speaker. **LEVER KEY PANELS** are provided for use with CRL keys, 3 $\frac{1}{2}$ " deep with slots for 6, 8, 10 or 12 keys. **LOUVERED PANELS** for additional ventilation and **BLANK PANELS** are made in assorted sizes.

SPECIAL PANELS are made to order to fit special equipment. Templates or suitable drawings must accompany order for any special sheet metal work. Full details of Newcomb rack and panel equipment available on request.

NEWCOMB

ACCESSORIES FOR (H) AND (K) SERIES



REMOTE CONTROLS

For mixing and fading all H Series mike inputs. With K Series amplifiers all mikes and phono may be controlled. Up to 2000 feet of cable may be used. No inductive pickup.

RC-2 for H-15 amp. Requires ordinary 3 wire cable, 2 $\frac{3}{4}$ " x 6" x 2 $\frac{1}{8}$ ". **WEIGHT:** 1 lb. **LIST:** (less cable) \$10.50.

RC-3 for H-25 or H-4 amps. Requires ordinary 4 wire cable. 2 $\frac{3}{4}$ " x 6" x 2 $\frac{1}{8}$ ". **WEIGHT:** 1 lb. **LIST:** (less cable) \$15.50.

RC-4 for H-50 amp. Requires ordinary 5 wire cable. 2 $\frac{3}{4}$ " x 7 $\frac{3}{8}$ " x 2 $\frac{1}{8}$ ". **WEIGHT:** 1 $\frac{1}{4}$ lbs. **LIST:** (less cable) \$19.50.

RC-6 for KX-25, KX-50, KX-6 amps. Requires ordinary 7 wire cable. 2 $\frac{3}{4}$ " x 11 $\frac{1}{4}$ " x 2 $\frac{1}{8}$ ". **WEIGHT:** 2 lbs. **LIST:** (less cable) \$27.50.



PLUG-IN TRANSFORMERS

TR-91: Features sextuple alloy and copper shielding for quiet operation right in amp. proper. Alloy core and specially designed windings for extended frequency response from 20 to 20,000 cycles. Plug base for easy installation. For use between 30-50 or 200-250 ohm mikes and grid. **WEIGHT:** 1 $\frac{1}{4}$ lbs. **LIST:** \$32.50.

TR-92: Input impedance 5,000 ohms to grid for bridging a 500-600 ohm line. When plugged into sockets on K50B, H50B, H25B it converts for use as bridging amps. **WEIGHT:** 1 $\frac{1}{4}$ lbs. **LIST:** \$29.50.

TR-100: Identical to TR-91 but for use between 125-150 or 500-600 ohm mikes and grid. **LIST:** \$32.50.

All prices and specifications subject to change without notice.

COMPLETE BID SPECIFICATIONS AVAILABLE

Available from Newcomb are complete bid specifications for public address amplifiers, phonographs, transcription players, and radios. A must for schools, states, or federal governments as well as commercial institutions requiring specifications to be shown. These Newcomb bid specifications spell out the proper details and may be included directly on prints or purchase orders.

All Newcomb equipment approved by Underwriters Laboratory.

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