

Tape Guide Recorder

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Shopping for
a tape recorder?
Here's all
you need to know:

Ampex is the one professionals use!

It's a fact! Most all of the music you hear every day was originally recorded on Ampex tape equipment. And now, your nearby Ampex dealer can show you a full line to choose from for home use. Start with our lowest priced #860. Like all Ampex tape recorders, it features dual capstan drive and solid die-cast construction. It makes stereo and mono recordings, plays them back in shimmering high fidelity . . . and costs less than \$300, complete with detachable slide-on speakers. For just a little more,

you can have our #1160, which is even easier to use; it has automatic threading and automatic reversing. (You don't have to switch reels to play the other tracks!) And, if you're a "nothing but the best" believer, believe us: you'll be more than happy with our #2070. It offers sound quality on a par with professional equipment and power enough to thrill a small auditorium. To round out the picture, there's also a full line of accessories . . . all in the professional tradition of Ampex.

800 SERIES



1100 SERIES



2000 SERIES



tape recorders / speakers / microphones / headsets / blank tape / accessories / stereotapes

New tape recorders continue to appear on the market at a fantastic rate. Each year brings its design changes, innovations, and trends. This year might well be called the year of the transistor. More and more manufacturers are adding solid-state electronics to their lines. And as transistors are used more by manufacturers the term "portable" begins to have real meaning. It's not impossible to find a stereo record and playback machine that weighs in the neighborhood of 20 lb.

But, tape recorder terminology remains a morass of confusion. Inputs are a case in point. While this year's Tape Recorder Guide gives inputs for all machines listed in terms of use (microphone or radio-phono) there's more to it than that. Check with your dealer as to whether the inputs are low impedance or high impedance—for microphones. In addition, ask him whether the radio-phono input requires an amplified and equalized signal or will you be able to record directly from your magnetic cartridge-equipped turntable, for example, without going through an amplifier system first.

The frequency response figures were supplied to us by the manufacturers and importers. However, occasionally response is quoted for a laboratory model—with considerable variation to be expected in actual production machines. We've quoted the frequency response for the highest speed—and all other specifications just as they were supplied by manufacturers.

But—just how does one go about buying a tape recorder? First rule of the game is not to be misled by the enthusiasm of friends. A machine that may have all the features and sound quality your neighbor requires may be an unfortunate mistake for you. Let your own ear tell you if the machine suits your needs. Once you've settled on a number of machines whose sound you really like, decide which features you need.

If you already own a high fidelity system you may be interested in a deck—a machine lacking playback amplifiers. You'll save money because you won't be duplicating equipment you already have. In addition, the amplifiers and speakers in many tape recorders are less satisfying than regular high fidelity units.

Do you need a machine that's designed for maximum portability? Then you're in the market for a battery-operated unit. Here again, you'll find variations in features and performance. But as a rule the more you pay the better machine you'll have in any class. But if all you plan are casual recordings on vacation or at the beach or for note-taking, a moderately priced machine might just do the trick.

—MYRON A. MATZKIN

AC Operated Recorders



AMERICAN CONCERTONE 805

Tape speeds — $3\frac{1}{8}$ and $7\frac{1}{2}$ ips. Heads — six. Motors — three. Record — 4-track mono, 4-track stereo. Playback — 4-track mono, 4-track stereo. Frequency response — 30-18,000 cps. Indicators — 2 meters. Weight — 60 lb. Other features — walnut case; 2 microphone and 2 radio-phono inputs; 2 preamp and 2 stereo headphone outputs; automatic reverse record and play; echo effects; sound-on-sound; two separate, bookshelf speakers. Price — \$699.50. Deck Model 806, preamps only, \$549.50.



AMPEX 890

Tape speeds — $1\frac{1}{8}$, $3\frac{1}{8}$ and $7\frac{1}{2}$ ips. Heads — three. Motors — one. Record — 4-track mono and 4-track stereo. Playback — 2-4 track mono and 4-track stereo. Frequency response — 50-15,000 cps. Indicators — 2 meters. Weight — 37 lb. Other features — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 speaker and headphone outputs; manual reverse play; all transistor. Price — \$369; Model 865, without reverse play (wood cabinet), \$309; Model 860 (self-contained carrying case), \$289; Model 850, deck with preamps only, \$269.



AMPEX 1160

Tape speeds — $1\frac{1}{8}$, $3\frac{1}{8}$ and $7\frac{1}{2}$ ips. Heads — three. Motors — one. Record — 4-track mono and 4-track stereo. Playback — 2 and 4-track mono and 4-track stereo. Frequency response — 50-15,000 cps. Indicators — 2 meters. Weight — 38 lb. Other features — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 speaker, accessory slide projector sync, headphone outputs; auto-

matic reverse play; automatic loading; speakers not included. Price — \$449; deck, Model 1150, with preamps only, \$339.

AMPEX 2070



Tape speeds — $1\frac{1}{8}$, $3\frac{1}{8}$ and $7\frac{1}{2}$ ips. Heads — three. Motors — one. Record — 4-track mono and 4-track stereo. Playback — full, 2- and 4-track mono and 4-track stereo. Frequency response — 30 to 18,000 cps. Meters — two neon lights. Weight — 39 lb. Other features — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 3 speaker and 2 preamp outputs; automatic 20 cps tone operated, reverse play; automatic take-up reel threading; automatic cut off switch; slide projector sync using external sync device; 2 built-in speakers. Price — \$499. Available as deck from \$439 to \$469.



BELL RT 360

Tape speeds — $3\frac{1}{8}$ and $7\frac{1}{2}$ ips. Heads — three. Motors — three. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 40-16,000 cps. Indicators — 2 meters. Weight — 48 lb. Other features — self-contained carrying case; 2 microphone, 2 radio-phono and 2 auxiliary inputs; 2 preamp, 2 external speaker and stereo headphone outputs, sound-on-sound; tps duplicating without additional deck or amplifier with DK-1 accessory motor kit; speakers in split cover of carrying case. Price — \$449.50; Model T367, with preamps only, \$369.95.

BELL T-347



Tape speeds — $3\frac{1}{8}$ and $7\frac{1}{2}$ ips. Heads — three. Motors — three. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 40-16,000 cps. Meters — 2 VU. Weight — 35 lb. Other features — deck, with record and playback preamplifiers; 2 microphone and 2 radio-phono inputs; 2 preamplifier, and headphone outputs; sound-on-sound; echo effects; electrical braking. Price — \$319.95.

CHOOSE THE RIGHT RECORDING TAPE

The combination of bases, lengths and oxide formulas accounts for the variety of raw tape choices open to the hobbyist. When you're selecting a tape for recording, you'll consider the following factors:

1) What length of uninterrupted recording time do you need? If you're dubbing an LP onto tape, a \$3.50 reel of 1½-mil acetate probably will do. It will give you 1-hour playing time at 7½ ips. If you're recording a Wagnerian opera off the air, you may need an \$11.95 reel of triple-play ½-mil tape.

2) What type of base do you need? Do you plan to erase and reuse the tape later? Then acetate is good enough. Are you planning to keep the recording indefinitely? Just to be safe, you'd better use polyester.

3) What's your budget? Or which formula will you settle for? You should stick to standard brands. You can save money by buying unbranded tape—just as you can save money on outdated film, but when you buy it you're gambling—and the stakes could be a hefty repair bill on your recorder.

4) Will a special-purpose tape help you? In recent years, several manufacturers have produced tapes designed to do specific jobs, usually for the professional recordist. One of the first was low print-through tape, designed to prevent signals recorded on one layer of tape from leaking through to the next during storage. This formula is used by hobbyists who want ultimate protection for their tapes. You pay about 30 percent more per reel than for the standard formula on a Mylar base. Other tapes provide low noise qualities or improve frequency response and recording clarity at 3¼ ips and 1½ ips tape speeds. This tape is supplied only on a polyester base, and costs about 12 percent more than standard formulas on polyester. There is also respliced tape made up of odds and ends. What you get depends upon luck.

Take a look at the chart below, which lists the uninterrupted recording time at 7½ ips for the formulas commonly in use today.

Feet	Supplied on	Time
150	1½ mil on 3" reel	3¾ min.
225	1 mil on 3" reel	6 min.
250	1½ mil on 3¼" reel	6¼ min.
300	1¼ mil on 4" reel ½ mil on 3" reel	7½ min.
375	1 mil on 3¼" reel	9½ min.
600	1½ mil on 5" reel; ½ mil on 4" reel or 3¼" reel	15 min.
850	1½ mil on 5¼" reel	24¼ min.
900	1 mil on 5" reel	22½ min.
1200	1½ mil on 7" reel; ½ mil on 5" reel	30 min.
1500	½ mil on 7" reel ½ mil on 5" reel	37½ min.
1700	½ mil on 5¼" reel	43 min.
1800	1 mil on 7" reel	45 min.
2250	1 mil on 7" reel	56¼ min.
2400	½ mil on 7" reel	60 min.
3000	½ mil on 7" reel	75 min.
3600	½ mil on 7" reel	90 min.



BENJAMIN TRUVOX PD-100

Tape speeds — 1½, 3¼ and 7½ ips. Heads — three. Motors — three. Record — 4-track mono and 4-track stereo. Playback — 2- and 4-track mono and 4-track stereo. Frequency response — 30-20,000 cps. Indicators — 2 meters. Weight — 40 lb. Other features — deck, with recording preamps only; 2 microphone and 2 radio-phonograph inputs; 2 preamp and 2 stereo headphone monitoring outputs; sound-on-sound; and built-in tape splicer. Price — \$399.50.

BRYAN TK7

Tape speeds — 1½, 3¼ and 7½ ips. Heads — two. Motors — one. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 80-15,000 cps. Indicators — two electric eyes. Weight — 29 lb. Other features — self-contained carrying case; 2 microphone and 2 radio-phonograph inputs; 2 preamp and 2 external speaker outputs; built-in speakers. Price — \$199.95.



CHANNEL MASTER 6470

Tape speeds — 3¼ and 7½ ips. Heads — two. Motors — one. Record — 2-track mono and 4-track stereo. Playback — 2-track mono and 4-track stereo. Frequency response — 50-15,000 cps. Indicators — meter. Weight — 28.5 lb. Other features — self-contained carrying case; 2 microphone and 2 radio-phonograph inputs; 2 heads and 2 extension speaker outputs; 2 speakers in split carrying case cover. Price — \$219.95.

CHANNEL MASTER 6547

Tape speeds — 3¼ and 7½ ips. Heads — two. Motors — one. Record — 2-track mono. Playback — 2-track mono. Frequency response — 150-10,000 cps. Indicator — meter. Weight — 12 lb. Other features — self-contained carrying case; microphone and radio-phonograph inputs; built-in speaker. Price — \$99.95.

CHANNEL MASTER 6548

Tape speeds — 3¼ and 7½ ips. Heads — two. Motors — one. Record — 2-track mono. Playback — 2-track mono. Frequency response — 50-12,000 cps. Indicator — magic eye. Weight — 17.6 lb. Other features — self-contained carrying case; microphone and radio-phonograph inputs; automatic level control; built-in speaker. Price — \$159.95.

CIPHER I

Tape speeds — 1½, 3¼ and 7½ ips. Heads — two. Motors — one. Record — 2-track mono. Playback — 2-track mono. Frequency response — 70-13,000 cps. Indicator — neon light. Weight — 26 lb. Other features — self-contained carrying case, microphone and radio-phonograph inputs; earphone and external speaker output; built-in speaker. Price — \$129.95. Cipher 21, with transistorized preamp, \$139.95.

CIPHER II

Tape speeds — 3¼ and 7½ ips. Heads — two. Motors — one. Record — 2-track mono. Playback — 2-track mono. Frequency response — 100-10,000 cps. Indicator — meter. Weight — 17 lb. Other features — self-contained carrying case; microphone and radio-phonograph inputs; monitor earphone and external speaker outputs; pause control, and built-in speaker. Price — \$109.95.



CIPHER VI

Tape speeds — 3¼ and 7½ ips. Heads — two. Motors — one. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 60-14,000 cps. Indicators — 2 meters. Weight — 38 lb. Other features — self-contained carrying case; 2 microphone and 2 radio-phonograph inputs; 2 preamp, 2 speaker outputs and stereo headphone; speakers in wing carrying case covers. Price — \$239.95.

CIPHER VII

Tape speeds — 1½, 3¼ and 7½ ips. Heads — two. Motors — one. Record — 2- and 4-track mono and 2- and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 35-15,000 cps. Indicators — 2 meters. Weight — 45 lb. Other features — self-contained carrying case; 2 microphone, 2 radio-phonograph and 2 auxiliary inputs; 2 preamp, 2 external speaker and headphone outputs; sound-on-sound; automatic shutoff; speakers in wing carrying case covers. Price — \$274.95. Transistorized version, Model 77, \$259.95. Also available as deck, \$199.95.



CIPHER 98

Tape speeds — 1½, 3¼ and 7½ ips. Heads — three. Motors — one. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 35-



Now, there's a tape that lets you



record twice the music per foot.

**How? It's so sensitive you can cut
recording speed in half with no loss in
fidelity. Your budget will applaud.**

Savings start with this box.



SCOTCH® Brand "Dynarange" Series Recording Tape is the name on the box. The tape that just prepared your recorder for the best performance of its life. This new tape makes all music come clearer, particularly in the critical soprano or high-frequency range. So much clearer, you can now record at 3¾ ips and enjoy all the fidelity until now possible only at 7½ on your recorder. Your dealer has a demonstration reel that proves the case.

And by cutting your recording speed in half, you won't need as much tape—can save 25% or more in costs. Or, you can use new "Dynarange" Tape at 7½—and discover sound quality you didn't know your recorder had.

The technical achievement behind all this . . .

we've cut background tape noise (what little there is in "SCOTCH" Recording Tape) in half so the listening's better. And we made the wear-life better, too! 15 times greater than ordinary tape. Exceedingly low rub-off keeps equipment clean. Lifetime Silicone lubrication assures smooth tape travel, protects against head wear and extends tape life. Comes in new sealed pack so the tape is untouched from factory to you. Hear new "Dynarange" Tape demonstrated at your dealer. Then try a roll on your own recorder.

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Magnetic Products Division



15,000 cps. Indicators — 2 meters. Weight — 36.7 lb. Other features — self-contained carrying case; 2 microphone, 2 radio-phono, and 2 auxiliary inputs; 2 preamp, 2 speaker, headphone outputs; sound-on-sound; sound-with-sound; speakers in wing carrying case covers. Price — \$350.

CONCORD 120

Tape speeds — $1\frac{1}{8}$, $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. Heads — two. Motors — one. Record — 2-track mono. Playback — 2-track mono. Frequency response — 50-12,000 cps. Indicator — neon light. Weight — 17 lb. Other features — self-contained carrying case; microphone and radio-phono inputs; earphone monitoring output; built-in speaker. Price — \$299.95.

CONCORD 220

Tape speeds — $1\frac{1}{8}$, $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. Heads — two. Motors — one. Record — 2-track mono and 4-track stereo. Playback — 2-track mono and 2-track stereo. Frequency response — 40-15,000 cps. Indicator — electric eye. Weight — 22 lb. Other features — self-contained carrying case; microphone and radio-phono inputs; built-in speaker. Price — \$149.95.



CONCORD 444

Tape speeds — $1\frac{1}{8}$, $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. Heads — two. Motors — one. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 50-15,000 cps. Indicators — 2 neon lights. Weight — 30 lb. Other features — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 preamp and 2 external speaker outputs; sound-with-sound; track transfer; 1 speaker built into machine and 1 speaker in case lid. Price — \$199.95.

CONCORD 555

Tape speeds — $1\frac{1}{8}$, $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. Heads — two. Motors — one. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 40-16,000 cps. Indicators — 2 meters. Weight — $34\frac{1}{2}$ lb. Other features — self-contained mahogany carrying case; 2 microphone and 2 radio-phono inputs; 2 preamp and 2 external speaker outputs; sound-on-sound; two speakers in split carrying case lid. Price — \$249.95.



CONCORD 884

Tape speeds — $1\frac{1}{8}$ and $7\frac{1}{2}$ ips. Heads — three. Motors — one. Record — 4-track mono

and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 30-20,000 cps. Indicators — 2 neon lights. Weight — 43 lb. Other features — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 preamp, 2 external speaker, and headphone outputs; sound-on-sound; monitoring; automatic shutoff; one speaker built into machine and second into carrying case cover. Price — \$450.

CONCORD 994

Tape speeds — $1\frac{1}{8}$, $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. Heads — four. Motors — one. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 40-16,000 cps. Indicators — 2 meters. Weight — 44 lb. Other features — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 preamp; 2 external speaker and stereo headphone outputs; automatic reverse record and play; sound-on-sound; automatic stop; automatic threading; 2 speakers in split carrying case lid. Price — \$449.95.



CONCORD R-1100

Tape speeds — $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. Heads — four. Motors — three. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 40-16,000 cps. Indicators — 2 meters. Weight — 46 lb. Other features — 2 microphone and 2 radio-phono inputs, 2 preamp, 2 speaker and headphone outputs; sound-on-sound; A/B monitoring; remote control; automatic reverse play; echo effects; two speakers in split carrying case cover. Price — \$495. Also available as deck, Model R-1000, with preamps only, \$450.



CONCORD R-2000

Tape speeds — $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. Heads — four. Motors — three. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 30-16,000 cps. Indicators — 2 meters. Weight — 46 lb. Other features — deck, with record and playback preamplifiers; 2 microphone and 2 radio-phono inputs; 2 preamplifier stereo headphone outputs; sound-on-sound; automatic reverse play; remote control; A/B monitoring. Price — \$795.

CROWN SS702

Tape speeds — $1\frac{1}{8}$, $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. Heads — two. Motors — three. Record — 2-track mono. Playback — 2-track mono. Frequency

response — 50-25,000 cps. Indicator — meter. Weight — 46 lb. Other features — deck with preamps only; microphone and radio-phono inputs; preamp and headphone output. Price — \$795.



CROWN SS722

Tape speeds — $1\frac{1}{8}$, $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. Heads — two. Motors — three. Record — 2-track mono and 2-track stereo. Playback — 2-track mono and 2-track stereo. Frequency response — 50-25,000 cps. Indicators — 2 meters. Weight — 50 lb. Other features — deck, with preamps only; 2 microphone and 2 radio-phono inputs; 2 preamp, and mono and stereo headphone outputs; automatic stop. 4-track model also available. Price — \$995.

CROWN SS824

Tape speeds — $1\frac{1}{8}$, $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. Heads — three. Motors — three. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 50-30,000 cps. Indicators — 2 meters. Weight — 60 lb. Other features — deck with preamps; 2 microphone and 2 radio-phono inputs; preamplifier and headphone output. Price — \$1,295; 2 track stereo version available.



DELMONICO PTR-55

Tape speeds — $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. Heads — two. Motors — one. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 50-12,000 cps. Indicators — 2 meters. Weight — 55 lb. Other features — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 preamp and 2 extension speaker outputs; 2 built-in speakers. Price — \$169.95.

DYNACO BECORD 2000

Tape speeds — $1\frac{1}{8}$, $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. Heads — three. Motors — one. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 40-16,000 cps. Indicators — 2 meters. Weight — 41 lb. Other features — wood cabinet console or self-contained carrying case; 2 microphone, 2 radio, 2 phono inputs; 2 preamp, headphone outputs; slide projector sync; 3 sliding potentiometer mixing controls; automatic shutoff; sound-on-sound; provision for remote operation; echo effects. Price — console model, \$498. Portable, with speakers in split carrying case cover, \$525.

**EICO
RP100**

Tape speeds — 3 $\frac{3}{4}$ and 7 $\frac{1}{2}$ ips. Heads — three. Motors — three. Record — 4-track mono and 4-track stereo. Playback — 2 and 4-track mono and 4-track stereo. Frequency response — 25-18,000 cps. Indicators — 2 meters. Weight — 48 lb. Other features — deck with preamps; 2 microphone and 2 radio-phono inputs; 2 preamplifier and headphone outputs; sound-on-sound. Price — in semi kit form, \$299.95.

EMERSON MMS16

Tape speeds — 15/16, 1 $\frac{1}{8}$, 3 $\frac{3}{4}$ and 7 $\frac{1}{2}$ ips. Heads — two. Motors — one. Record — 2-track mono. Playback — 2-track mono. Frequency response — 50-12,000 cps. Indicator — neon light. Weight — 18 lb. Other features — self-contained carrying case; microphone input; external speaker output; built-in speaker. Price — \$99.95.

EMERSON 517

Tape speeds — 15/16, 1 $\frac{1}{8}$, 3 $\frac{3}{4}$ and 7 $\frac{1}{2}$ ips. Heads — two. Motors — one. Record — 2-track mono. Playback — 2-track mono. Frequency response — 50-15,000 cps. Indicator — neon light. Weight — 21 lb. Other features — self-contained carrying case; microphone input; two built-in speakers. Price — \$129.95.

**EMERSON
SS533**

Tape speeds — 15/16, 1 $\frac{1}{8}$, 3 $\frac{3}{4}$ and 7 $\frac{1}{2}$ ips. Heads — two. Motors — one. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 50-18,000 cps. Indicator — meter. Weight — 26 lb. Other features — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 preamp and 2 external speaker outputs; sound-on-sound, sound-with-sound; automatic shutoff; 2 built-in speakers. Price — \$179.95.

EMERSON SSS44

Tape speeds — 15/16, 1 $\frac{1}{8}$, 3 $\frac{3}{4}$ and 7 $\frac{1}{2}$ ips. Heads — two. Motors — one. Record — 4-track mono and 4-track stereo. Frequency response — 50-18,000 cps. Indicators — 2 meters. Weight — 30 lb. Other features — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 preamp and 2 external speaker outputs; sound-on-sound; sound-with-sound; 2 built-in speakers. Price — \$229.95.

**FANON-MASCO FTR-409**

Tape speeds — 1 $\frac{1}{8}$, 3 $\frac{3}{4}$ and 7 $\frac{1}{2}$. Heads — two. Motor — one. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 40-14,000 cps. Indicators — 2 meters. Weight — 39 lb. Other features — 2 microphone and 2 radio-phono inputs; 2 preamp and 2 external speaker outputs; sound-with-sound; built-in speakers. Price — \$229.95.

GELOSO 4-10

Tape speeds — 15/16, 1 $\frac{1}{8}$ and 3 $\frac{3}{4}$ ips. Heads — one. Motors — one. Record — 2-track mono. Playback — 2-track mono. Frequency response — 40-12,000 cps. Indicator — meter. Weight — 12 lb. Other features — self-contained carrying case; microphone and radio-phono inputs; preamp, external speaker, and monitoring earphone outputs; remote control mike; built-in speaker. Price — \$269.95.

**GEMSONIC 801**

Tape speeds — 3 $\frac{3}{4}$ and 7 $\frac{1}{2}$ ips. Heads — two. Motors — one. Record — 4-track mono. Playback — 4-track mono and 4-track stereo (with external amp and speaker). Frequency response — 50-12,000 cps. Indicator — meter. Weight — 13 lb. Other features — self-contained carrying case; microphone and radio-phono inputs; extension speaker; preamp and sound head outputs; automatic shutoff. Price — \$99.95.

GEMSONIC 802

Tape speeds — 3 $\frac{3}{4}$ and 7 $\frac{1}{2}$ ips. Heads — two. Motors — one. Record — 4-track mono and 4-track stereo. Playback — 2 and 4-track mono and 4-track stereo. Frequency response — 50-15,000 cps. Indicators — 2 meters. Weight — 14 lb. Other features — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 preamp and 2 extension speaker outputs; sound-on-sound; automatic shutoff; 2 built-in speakers; all-transistor. Price — \$189.95. Model, 803 deck, with preamps only, \$109.95.

GEMSONIC 804

Tape speeds — 3 $\frac{3}{4}$ and 7 $\frac{1}{2}$ ips. Heads — three. Motors — one. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 40-17,000 cps. Indicators — 2 meters. Weight — 13 $\frac{1}{2}$ lb. Other features — deck with preamps

only; 2 microphone, 2 radio-phono, 2 auxiliary inputs and 4 low level inputs; 2 preamp and monitoring headphone outputs; source and tape monitoring. Price — not available.

**GRAETZ
MSOK**

Tape speeds — 3 $\frac{3}{4}$ and 7 $\frac{1}{2}$ ips. Heads — two. Motors — one. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo (with accessory speaker). Frequency response — 40-20,000 cps. Indicator — electric eye. Weight — 23 lb. Other features — self-contained carrying case; 1 microphone and 2 radio-phono inputs; 1 preamp and 2 external speaker outputs; adapter available for sound-on-sound or sound-with-sound; one built-in speaker with ability to play two stereo channels when adapter cord is used; 1 extension speaker. Price — \$400.

GRUNDIG TK 46

Tape speeds — 1 $\frac{1}{8}$, 3 $\frac{3}{4}$ and 7 $\frac{1}{2}$ ips. Heads — three. Motors — one. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 40-18,000 cps. Meter — electric eye. Weight — 33 lb. Other features — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 preamp and 2 external speaker outputs; sound-on-sound; sound-with-sound; echo; built-in speakers. Model TM 45V, deck with preamps only.

GRUNDIG TK 400

Tape speeds — 3 $\frac{3}{4}$ and 7 $\frac{1}{2}$ ips. Heads — two. Motors — one. Record — 4-track mono and 4-track stereo (with external amp and speaker). Frequency response — 40-16,000 cps. Meter — none. Weight — 18 lb. Other features — self-contained carrying case; automatic level control on record; 1 microphone and 1 radio-phono inputs; preamp and external speaker outputs; sound-with-sound (with external amplifier); built-in speaker.

GRUNDIG TK200

Tape speeds — 3 $\frac{3}{4}$ and 7 $\frac{1}{2}$ ips. Heads — two. Motors — one. Record — 2-track mono. Playback — 2-track mono. Frequency response — 60-13,000 cps. Indicator — electric eye. Weight — 18 lb. Other features — self-contained carrying case; microphone and radio-phono inputs; external speaker output; built-in speaker.

**KNIGHT-KIT
KG-415**

Tape speeds — 3 3/4 and 7 1/2 ips. **Heads** — three. **Motors** — two. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 35-20,000 cps. **Indicators** — 2 meters. **Weight** — 30 lb. **Other features** — deck kit with preamps only; 2 microphone and 2 radio-phon inputs; 2 preamp, headphone outputs; mixing; sound-on-sound; echo; monitoring; all transistor. **Price** — \$249.95.

KNIGHT KN4401



Tape speeds — 3 3/4 and 7 1/2 ips. **Heads** — two. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 50-15,000 cps. **Indicators** — 2 meters. **Weight** — 31 lb. **Other features** — deck with preamps only; 2 microphone and 2 radio-phon inputs; 2 preamp, 2 tape head outputs. **Price** — \$169.95.

KORTING 2000



Tape speeds — 3 3/4 and 7 1/2 ips. **Heads** — two. **Motors** — one. **Record** — 4-track mono. **Playback** — 2 and 4-track mono (4-track stereo with external preamplifier and amplifier). **Frequency response** — 30-20,000 cps. **Indicator** — electric eye. **Weight** — 22 lb. **Other features** — self-contained carrying case; microphone and radio-phon inputs; 2 stereo head outputs; 2 preamp and external speaker outputs; built in speaker. **Price** — \$199.95.

KORTING TR-3000



Tape speeds — 3 3/4 and 7 1/2 ips. **Heads** — two. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 2 and 4-track mono and 4-track stereo. **Frequency response** — 30-20,000 cps. **Indicator** — electric eye. **Weight** — 30 lb. **Other features** — self-contained carrying case; 2 microphone, 2 radio-phon, and 2 auxiliary inputs; 2 tape head, 2 preamp, 2 external speaker, and headphone outputs; monitor; sound-on-sound; provision for slide projector sync; 2 built-in speakers. **Price** — \$299.95.

KORTING 4000

Tape speeds — 1 1/2, 3 3/4 and 7 1/2 ips. **Heads** — three. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 2 and 4-track mono and 4-track stereo. **Frequency response** — 30-20,000 cps. **Indicators** — 2 electric eyes. **Weight** — 33 lb. **Other features** — self-contained carrying case; 2 microphone, 2 radio-phon, and 2 auxiliary inputs; 2 tape head, 2 external speaker, 2 preamp, 2 European radio and headphone outputs; monitor; sound-on-sound; echo; provision for slide projector sync; sound-with-sound; tape duplication; built-in speakers. **Price** — \$399.95.

LABELLE MAESTRO III



Tape speeds — 3 3/4 and 7 1/2 ips. **Heads** — one. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 50-15,000 cps. **Indicator** — 2 neon lamps. **Weight** — 28 lb. **Other features** — self-contained carrying case; microphone and radio-phon inputs; external speaker output; slide projector syn; pulse; speaker built into carrying case cover. **Price** — \$375.

LAFAYETTE RK-600A

Tape speeds — 3 3/4 and 7 1/2 ips. **Heads** — two. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 2 and 4-track mono and 2 and 4-track stereo. **Frequency response** — 40-15,000 cps. **Indicators** — 2 neon lights. **Weight** — 31 lb. **Other features** — self-contained carrying case; 2 microphone and 2 radio-phon inputs; 2 preamp and headphone outputs; monitoring; sound-on-sound; 2 built in speakers. **Price** — \$99.88.

LAFAYETTE RK-675



Tape speeds — 3 3/4 and 7 1/2 ips. **Heads** — two. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 40-18,000 cps. **Indicator** — **Weight** — 35 lb. **Other features** — self-contained carrying case; 2 microphone and 2 radio-phon inputs; 2 preamp, 2 external speaker and headphone outputs; 2 built-in speakers. **Price** — \$159.95; Model RK-650, deck with preamps only, \$109.95.

LAFAYETTE 1000B

Tape speeds — 3 3/4 and 7 1/2 ips. **Heads** — two. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 2 and 4-track

mono and 4-track stereo. **Frequency response** — 50-15,000 cps. **Indicators** — 2 VU. **Weight** — 43 lb. **Other features** — teakwood cabinet; 2 microphone and 2 radio-phon inputs; 2 preamp and 2 external speaker outputs; sound-with-sound; automatic shutoff; 2 built-in speakers. **Price** — \$189.95.

LUCOR 800



Tape speeds — 3 3/4 and 7 1/2 ips. **Heads** — two. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — not available. **Indicator** — meter. **Weight** — 19 lb. **Other features** — self-contained carrying case; microphone and radio-phon inputs; ear-phon output; built-in speaker; all transistor. **Price** — \$99.95.

MAGNECORD 1020

Tape speeds — 00,00,00 ips. **Heads** — three. **Motors** — three. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 50-18,000 cps. **Indicators** — 2 meters. **Weight** — 40 lb. **Other features** — optional wood base; deck with preamps only; 2 microphone and 2 radio-phon inputs; 2 preamp; 2 headphone outputs; monitoring. **Price** — \$570.

MAGNE- CORD 1021



Tape speeds — 3 3/4 and 7 1/2 ips. **Heads** — three. **Record** — full track mono. **Playback** — full and 2-track mono. **Frequency response** — 45-18,000 cps. **Indicator** — meter. **Weight** — 47 lb. **Other features** — deck, with preamp and monitoring amp; 3 microphone and 1 radio-phon input; preamp, speaker, headphone and sound-on-sound; monitoring speaker. **Price** — \$708.

MAGNECORD 1022

Tape speeds — 7 1/2 and 15 ips. **Heads** — four. **Motors** — three. **Record** — 2-track mono and 2-track stereo. **Playback** — 2-track mono and 2 and 4-track stereo. **Frequency response** 35-22,000 cps. **Indicators** — 2 meters. **Weight** — 47 lb. **Other features** — deck, with preamps only; 2 microphone, 2 radio-phon and 2 auxiliary inputs; 4 preamp and headphone outputs; sound-on-sound. **Price** — \$788.

MAGNECORD 1024

Tape speeds — 3 3/4 and 7 1/2 ips. **Heads** — three. **Motors** — three. **Record** — 4-track mono

and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 50-18,000 cps. **Indicators** — 2 meters. **Weight** — 47 lb. **Other features** — deck, with preamps only; 2 microphone, 2 radio-phonos and 2 auxiliary inputs; 4 preamp and headphone outputs. **Price** — \$648.



MAGNECORD 1028

Tape speeds — 7½ and 15 ips. **Heads** — three. **Motors** — three. **Record** — 2-track mono and 2-track stereo. **Playback** — 2-track mono and 2-track stereo. **Frequency response** — 35-18,000 cps. **Indicators** — 2 meters. **Weight** — 47 lb. **Other features** — deck, with preamps and 2 monitoring amplifiers; 2 microphone, 2 radio-phonos and 2 auxiliary inputs; preamp outputs. **Price** — \$995.



MASTERWORK M-800

Tape speeds — 1½, 3¼ and 7½ ips. **Heads** — two. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 100-10,000 cps. **Meter** — indicator — meter. **Weight** — 25 lb. **Other features** — self-contained carrying case; microphone and radio-phonos inputs; external speaker and earphone outputs; monitoring; built-in speaker. **Price** — \$99.95.

MASTERWORK M-810

Tape speeds — 1½, 3¼ and 7½ ips. **Heads** — four. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 40-15,000 cps. **Indicators** — 2 meters. **Weight** — 30 lb. **Other features** — self-contained carrying case; 2 microphone and 2 radio-phonos inputs; 2 preamp, 2 external speaker, earphone outputs; 2 speakers built into split carrying case cover. **Price** — \$275.



NEWCOMB TX10

Tape speeds — 3¼ and 7½ ips. **Heads** — three. **Motors** — one. **Record** — 2 and 4-track mono and 2 and 4-track stereo. **Playback** —

2 and 4-track mono and 2 and 4-track stereo. **Frequency response** — 30-18,000 cps. **Indicator** — 2 meters. **Weight** — 35½ lb. **Other features** — deck, with preamps only; 2 microphone and 2 radio-phonos inputs; 2 preamp, monitoring headphone outputs; mixing controls; sound-on-sound; monitoring; automatic shutoff. **Price** — \$750 (unmounted); Model TX 10-215, 2-track stereo record and playback with 7½ and 15 ips, \$825.

NORELCO 201

Tape speeds — 3¼ and 7½ ips. **Heads** — two. **Motors** — one. **Record** — 4-track stereo (with external preamp and amplifier). **Frequency response** — 60-16,000 cps. **Indicator** — electric eye. **Weight** — 18 lb. **Other features** — self-contained carrying case; microphone and radio-phonos inputs; preamp, sound head, speaker, and headphone outputs; built-in speaker.



NORELCO 401

Tape speeds — 15/16, 1¾, 3¼ and 7½ ips. **Heads** — two. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 50-18,000 cps. **Indicator** — neon light. **Weight** — 39 lb. **Other features** — self-contained carrying case; microphone, 2 radio-phonos inputs; 1 preamplifier, 2 external speaker outputs; sound-on-sound; automatic shutoff; monitoring; 1 speaker in recorder and 1 in carrying case cover.

OKI 111

Tape speeds — 3¼ and 7½ ips. **Heads** — two. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 60-13,000 cps. **Indicator** — meter. **Weight** — 13.2 lb. **Other features** — self-contained carrying case; microphone and radio-phonos inputs; preamplifier output; built-in speaker. **Price** — \$129.95.



OKI 222

Tape speeds — 3¼ and 7½ ips. **Heads** — two. **Motors** — one. **Record** — 4-track mono. **Playback** — 4-track mono and 4-track stereo (with external preamplifier and amplifier). **Frequency response** — 50-15,000 cps. **Indicator** — meter. **Weight** — 15½ lb. **Other features** — self-contained carrying case; microphone and radio-phonos inputs; phono and radio-phonos inputs; preamplifier and tape head outputs; sound-on-sound; sound-with-sound; built-in speaker. **Price** — \$179.95.



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OKI 300

Tape speeds — 3¾ and 7½ ips. Heads — two. Motors — one. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 40-15,000 cps. Indicators — 2 meters. Weight — 16.2 lb. Other features — self-contained carrying case; 2 microphone and 2 radio-phonograph inputs; 2 preamp and 2 external speaker outputs; sound-on-sound; sound-with-sound; 2 speakers built into split carrying case cover. Price — \$219.95; Model 300D, deck with preamps only, \$159.95.



OKI 333

Tape speeds — 3¾ and 7½ ips. Heads — two. Motors — one. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 50-15,000 cps. Indicators — 2 meters. Weight — 22 lb. Other features — 2 microphone and 2 radio-phonograph inputs; 2 external speaker outputs; sound-on-sound; sound-with-sound; speakers built into split carrying case covers. Price — Less than \$289.95.

OKI 555

Tape speeds — 3¾ and 7½ ips. Heads — two. Motors — one. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 20-22,000 cps. Indicators — 2 meters. Weight — 24½ lb. Other features — self-contained carrying case; 2 microphone and 2 radio-phonograph inputs; 2 preamplifier and 2 speaker outputs; automatic shutoff; sound-on-sound; speakers built into split carrying case. Price — \$349.95.



OKI AS-888

Tape speeds — 3¾ and 7½ ips. Heads — three. Motor — one. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 40-18,000 cps. Indicators — 2 meters. Weight — not available. Other features — walnut base; 2 microphone, 2 radio-phonograph, and 2 auxiliary inputs; 2 preamp and 2 speaker outputs; sound-on-sound; sound-with-sound; 2 bookshelf speakers in walnut enclosures. Price — \$489.85.

REVOX G36

Tape speeds — 3¾ and 7½ ips. Heads — three. Motors — three. Record — 4-track mono

and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 40-15,000 cps. Indicators — 2 meters. Weight — 45 lb. Other features — deck with preamps and monitor amplifiers only; 2 microphone and 2 radio-phonograph inputs. Preamp output. Price — \$500.



RCA
YGB
29

Tape speeds — 1½ and 3¾ ips. Heads — four. Motors — one. Record — 4-track mono. Playback — 4-track mono. Frequency response — 50-15,000 cps. Indicator — meter. Weight — not available. Other features — cartridge machine; self-contained carrying case; microphone and radio-phonograph inputs; preamp outputs; and earphone; remote control mike; built-in speaker. Price — \$129.95.

RCA YGB 11

Tape speeds — 1½ and 3¾ ips. Heads — four. Motors — one. Record — 4-track mono. Playback — 4-track mono. Frequency response — 50-15,000 cps. Indicator — meter. Weight — not available. Other features — self-contained carrying case; cartridge machine; microphone and radio-phonograph inputs; preamp output; automatic shutoff; built-in speaker; all transistor. Price — \$99.95.



RCA YGH 31

Tape speeds — 1½, 3¾ and 7½ ips. Heads — two. Motors — one. Record — 4-track mono. Playback — 4-track mono. Frequency response — 50-15,000. Indicator — meter. Weight — not available. Other features — self-contained carrying case; microphone and radio-phonograph inputs; preamp output; built-in speaker. Price — \$129.95.



RCA
YGD
43

Tape speeds — 1½ and 3¾ ips. Heads — four. Motors — one. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 50-15,000 cps. Indicator — meter. Weight —

not available. Other features — cartridge machine; self-contained carrying case; 2 microphone and 2 radio-phonograph inputs; 2 preamp, 2 external speaker, headphone outputs; automatic shutoff; sound-with-sound; 2 speakers in split carrying case covers. Price — \$229.95. Model MGC71, deck with preamps only, \$159.95.

RCA YGG 45

Tape speeds — 1½, 3¾ and 7½ ips. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 50-15,000 cps. Indicator — meter. Weight — not available. Other features — self-contained carrying case; 2 microphone and 2 radio-phonograph inputs; 2 preamp, 2 external speaker, headphone outputs; sound-with-sound; automatic shutoff. Price — \$229.95; Model MGG 72, deck with preamps only, \$189.95.



RHEEM
CALIFONE
3100

Tape speeds — 3¾ and 7½ (15 optional) ips. Heads — two. Motors — one. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 40-18,000 cps. Indicators — 2 meters. Weight — 26 lb. Other features — deck with preamps only; 2 microphone and 2 radio-phonograph inputs; 2 preamp outputs and 2 headphone outputs; sound-with-sound; sound-on-sound. Price — \$249.95.

RHEEM CALIFONE 3110

Tape speeds — 1½, 3¾ and 7½ (15 optional) ips. Heads — two. Motors — one. Record — 4-track mono and 4-track stereo. Frequency response — 40-18,000 cps. Indicator — meter. Weight — 30 lb. Other features — 2 microphone and 2 radio-phonograph inputs; deck with preamps and monitoring amplifiers only; 2 preamp, 2 speaker and 2 headphone outputs. Price — \$189.95.



RHEEM
CALIFONE
3170

Tape speeds — 3½ and 7½ (15 optional) ips. Heads — three. Motors — three. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 40-18,000 cps. Indicators — 2 meters. Weight — 54 lb. Other features — deck, with preamps only; 2 microphone and 2 radio-phonograph inputs; 2 preamp, headphone outputs. Automatic shutoff; sound-on-sound; sound-

with-sound; automatic reverse play. Price — \$499.95. Model 3160, with automatic reverse play, \$599.95.

RHEEM CALIFONE 3200

Tape speeds — 3¼ and 7½ (15 optional) ips. **Heads** — two. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 40-18,000 cps. **Indicator** — meter. **Weight** — 33 lb. **Other features** — self-contained carrying case; microphone and 2 radio-phono inputs; 2 preamp, 2 external speaker and headphone outputs; sound-with-sound; and 2 built-in speakers. Price — \$269.95.

RHEEM CALIFONE 3550

Tape speeds — 1½, 3¼ and 7½ ips. **Heads** — two. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 40-15,000 cps. **Indicator** — meter. **Weight** — 25 lb. **Other features** — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 preamp and 2 speaker outputs; 2 built-in speaker. Price — \$169.95.



Tape speeds — 3¼ and 7½ (15 optional) ips. **Heads** — three. **Motors** — three. **Record** — 4-track mono and 4-track stereo. **Playback** — 2- and 4-track mono, 2- and 4-track stereo. **Frequency response** — 40-22,000 cps. **Indicators** — 2 meters. **Weight** — 62 lb. **Other features** — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 preamp; 2 external speaker and headphone outputs; cross field head; monitoring; sound-on-sound; sound-with-sound; automatic reverse and repeat; 2 built-in speakers; all transistor. Price — \$599.95. Also available as deck, Model 4000-D, \$599.95.

ROBERTS 720

Tape speeds — 1½, 3¼ and 7½ (15 optional) ips. **Heads** — two. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 40-19,000 cps. **Indicators** — 2 meters. **Weight** — 46½ lb. **Other features** — 2 microphone and 2 radio-phono inputs; 2 tape head, 2 preamp, headphone, and 2 external speaker outputs; sound-with-sound; automatic stop; built-in speakers. Price — \$399.95.



Tape speeds — 3¼ and 7½ (15 optional) ips. **Heads** — two. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 40-17,000 cps. **Indicators** — 2 meters. **Weight** — 49 lb. **Other features** — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 preamp, 4 headphone, 2 extension speaker, 2 sound head outputs; sound-with-sound; sound-on-sound; monitoring; automatic shutoff. Price — \$359.95.

ROBERTS 770

Tape speeds — 1½, 3¼ and 7½ (15 optional) ips. **Heads** — three. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 2 and 4-track mono and 2 and 4-track stereo. **Frequency response** — 40-22,000 cps. **Indicators** — 2 meters. **Weight** — 49 lb. **Other features** — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 tape head, 2 preamp, 2 external speaker and headphone outputs; cross field head; monitor; automatic shutoff; built-in speakers. Price — \$499.95.



Tape speeds — 1½, 3¼ and 7½ ips. **Heads** two. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 50-15,000 cps. **Indicator** — meter. **Weight** — 22 lb. **Other features** — microphone and radio-phono inputs; external speaker output; built-in speaker. Price — \$169.95.

ROBERTS 1620

Tape speeds — 3¼ and 7½ ips. **Heads** — two. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 50-15,000 cps. **Indicator** — meter. **Weight** — 25 lb. **Other features** — self-contained carrying case; 2 microphone and 2 radio-phono inputs; preamps outputs; 2 built-in speakers. Price — \$199.95.



Tape speeds — 1½, 3¼ and 7½ (15 optional) ips. **Heads** — two. **Motor** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 40-18,000 cps. **Indicator** — meter. **Weight** — 33½ lb. **Other features** — self-contained carrying case; 2 microphone

and 2 radio-phono inputs; 2 preamp, 2 external speaker, and 2 headphone outputs; 2 built-in speakers; automatic shutoff. Price — \$299.95.

ROBERTS 1650

Tape speeds — 3¼ and 7½ (15 optional) ips. **Heads** — two. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 2- and 4-track mono and 4-track stereo. **Frequency response** — 30-18,000 cps. **Indicators** — 2 meters. **Weight** — 33 lb. **Other features** — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 preamp, headphone and 2 external speaker outputs; monitoring; sound-with-sound; automatic stop; 2 built-in speakers. Price — \$299.95. Also available with wing speakers (Model 1670), \$359.95.



Tape speeds — 3¼ and 7½ (15 optional) ips. **Heads** — three. **Motors** — three. **Record** — 4-track mono and 4-track stereo. **Playback** — full, 2- and 4-track mono and 2- and 4-track stereo. **Frequency response** — 30-22,000 cps. **Indicators** — 2 meters. **Weight** — not available. **Other features** — 2 microphone and 2 radio-phono inputs; 2 preamp, 2 external speaker, headphone outputs; cross field head; sound-on-sound; all transistor; 2 built-in speakers. Price — \$699.95.

ROSSCORDER 1000

Tape speeds — 3¼ and 7½ ips. **Heads** — two. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 80-15,000 cps. **Indicator** — meter. **Weight** — 15½ lb. **Other features** — self-contained carrying case; microphone and radio-phono inputs; headphone output; and built-in speaker. Price — less than \$100.

SHARP RD-701

Tape speeds — 1½, 3¼ and 7½ ips. **Heads** — two. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 60-10,000 cps. **Indicator** — meter. **Weight** — 13 lb. **Other features** — self-contained carrying case; microphone and radio-phono inputs; preamp and external speaker outputs; mixing; monitor; and built-in speaker; all transistor. Price — \$99.95.



Tape speeds — 1½, 3¼ and 7½ ips. **Heads**

— two. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 60-14,000 cps. **Indicator** — 2 meters. **Weight** — 26 lb. **Other features** — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 preamp and 2 speaker outputs; monitoring; 2 built-in speakers; all transistor. **Price** — \$189.95.

SONY 102

Tape speeds — $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. **Heads** — two. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 50-12,000 cps. **Indicator** — meter. **Weight** — 18 lb. **Other features** — self-contained carrying case; microphone and radio-phono inputs; preamp and external speaker outputs; built-in speaker. **Price** — less than \$120.50.



SONY 200

Tape speeds — $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. **Heads** — two. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 50-14,000 cps. **Indicators** — 2 meters. **Weight** — 27 lb. **Other features** — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 preamp and 2 external speaker outputs; sound-on-sound; 2 speakers in split carrying case cover. **Price** — less than \$199.50.

SONY 250 A

Tape speeds — $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. **Heads** — two. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 50-15,000 cps. **Indicators** — 2 meters. **Weight** — not available. **Other features** — walnut base; deck, with preamp only; 2 microphone and 2 radio-phono inputs; 2 preamp outputs; automatic shutoff. **Price** — less than \$139.50.



SONY 260

Tape speeds — $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. **Heads** — two. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 50-15,000 cps. **Indicators** — 2 meters. **Weight** — 31 $\frac{3}{4}$ lb. **Other features** — 2 microphone and 2 radio-phono inputs; 2 external speaker outputs. **Built-in speakers**. **Price** — less than \$229.50.

SONY 263 E

Tape speeds — $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. **Heads** — three. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 30-18,000 cps. **Indicators** — none. **Weight** — 12 lb. **Other features** — deck with transport only; designed for use with Sony Amplifier (SRA-2L). **Price** — less than \$119.50.



SONY 500 A

Tape speeds — $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. **Heads** — two. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 30-18,000 cps. **Indicators** — 2 meters. **Weight** — 56 lb. **Other features** — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 preamp, headphone and 2 external speaker outputs; sound-on-sound; automatic shut-off; mixer; and two speakers built into split carrying case cover. **Price** — less than \$399.50.

SONY 600

Tape speeds — $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. **Heads** — three. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 30-18,000 cps. **Indicators** — 2 meters. **Weight** — 44 lb. **Other features** — self-contained carrying case; deck, with preamps only; 2 microphone (or magnetic cartridge) and 2 radio-phono inputs; 2 preamp and headphone outputs; sound-on-sound; automatic shutoff; and monitoring. **Price** — less than \$450.



SONY
777 S-4

Tape speeds — $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. **Heads** — three. **Motors** — three. **Record** — 4-track mono and 4-track stereo. **Playback** — 2-track mono and 2 and 4-track stereo. **Frequency response** — 30-18,000 cps. **Indicators** — 2 meters. **Weight** — 43 lb. **Other features** — deck with preamps only; designed for use with SSA-777 amplifier/speaker combinations; self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 preamp and headphone outputs; monitoring; sound-on-sound; remote control. **Price** — less than \$695.

SYMPHONIC R-200

Tape speeds — $1\frac{1}{8}$, $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. **Heads** — two. **Motors** — one. **Record** — 4-track

mono. **Playback** — 4-track mono. **Frequency response** — 50-15,000 cps. **Indicator** — meter. **Weight** — 22 lb. **Other features** — self-contained carrying case; microphone and radio-phono inputs; preamp, external speaker, and headphone outputs; monitoring; plays stereo monophonically; built-in speaker; all transistor. **Price** — \$119.95.



SYMPHONIC
R-800

Tape speeds — $1\frac{1}{8}$, $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. **Heads** — two. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 50-15,000 cps. **Indicators** — 2 meters. **Weight** — 35 lb. **Other features** — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 preamp, 2 external speaker headphone outputs; automatic shutoff; electric braking; all transistor. **Price** — \$249.95.



SYMPHONIC
1000

Tape speeds — $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. **Heads** — three. **Motors** — three. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track record. **Frequency response** — 35-22,000 cps. **Indicators** — 2 meters. **Weight** — 58 lb. **Other features** — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 preamp, 2 external speaker, and stereo headphone outputs; sound-on-sound; sound-with-sound; mixing; monitoring; illuminated control panel; 2 speakers in split carrying case cover; all transistor. **Price** — \$449.95.



TANDBERG 64

Tape speeds — $1\frac{1}{8}$, $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. **Heads** — three. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 40-16,000 cps. **Indicators** — 2 electric eyes. **Weight** — 25 lb. **Other features** — wood base; deck with preamps only; 2 microphone, 2 radio-phono and 2 auxiliary inputs; 2 preamp outputs; sound-on-sound echo, sound-with-sound. **Price** — \$498.

TANDBERG 74B



Tape speeds — 1½, 3¾ and 7½ ips. Heads — two. Motors — one. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response 40-16,000 cps. Indicators — electric eye. Weight — 27 lb. Other features — wood base, 2 microphone and 2 radio-phonos inputs; 2 preamp and 2 external speaker outputs; sound-on-sound; monitor; 2 built-in speaker. Price — \$449.50.

TANDBERG 923F



Tape speeds — 1½, 3¾ and 7½ ips. Heads — two. Motors — one. Record — 2-track mono. Playback — 2-track mono. Frequency response — 40-16,000 cps. Indicator — electric eye. Weight — 22 lb. Other features — microphone and radio-phonos inputs; speaker output; remote control; built-in speaker. Price — \$344.50; without remote control and remote control foot pedal, \$269.50.

TANDBERG 843F

Tape speeds — 1½ and 3¾ ips. Heads — two. Motors — one. Record — 4-track mono. Playback — 2 and 4-track mono. Frequency response — 20-13,000 cps. Meter — electric eye. Weight — 21 lb. Other features — wood base; microphone and radio-phonos inputs; speaker output; remote control; built-in speaker. Price — \$296. Models 823 and 823F with 2-track record and playback.

TELEFUNKEN MAGNETOPHON 97



Tape speeds — 1½, 3¾ and 7½ ips. Heads — two. Motors — one. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 30-18,000 cps. Indicator — electric eye. Weight — 29 lb. Other features — self-contained carrying case; 2 microphone and 4 radio-phonos inputs; 2 preamp, 2 external speaker and 2 headphone outputs; sound-on-sound; sound-with-sound; one speaker built-in, one in

carrying case cover. Price — \$279.95. Model 96, 4-track mono playback and record, \$229.

UHER 5000



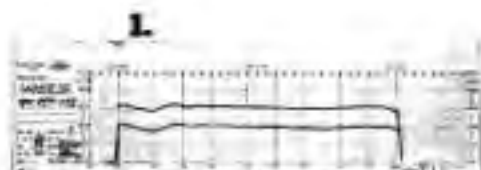
Tape speeds — 15/16, 1¾ and 3¾ ips. Heads — two. Motor — one. Record — 2-track mono. Playback — 2-track mono. Frequency

response — 40-16,000 cps. Indicator — meter. Weight — 13 lb. Other features — self-contained carrying case; 2 microphone (1 low impedance) and 1 radio-phonos input; slide projector sync; remote control; built-in speaker. Price — \$299.95.

UHER 7000



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3.



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The Uher 7000

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Tape speeds — $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. **Heads** — two. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 50-18,000 cps. **Indicator** — meter. **Weight** — 16 lb. **Other features** — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 preamp and headphone outputs; slide sync provision; sound-on-sound; automatic shutoff; 2 built-in speakers. Price — not available. **Model 6000** — 2-track mono record and playback.



UHER 8000E

Tape speeds — $15/16$, $1\frac{1}{8}$, $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. **Heads** — four. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 50-20,000 cps. **Indicators** — 2 meters. **Weight** — 19 lb. **Other features** — self-contained carrying case; microphone, radio and phono inputs; 2 remote control; external speakers, headphone outputs; sound-on-sound; sound-with-sound; echo effects; slide projector sync; monitoring; 2 built-in speakers. Price — \$419.95.



UHER 9000

Tape speeds — $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. **Heads** — three. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 20-20,000 cps. **Indicators** — 2 meters. **Weight** — 22 lb. **Other features** — deck, with preamps only; metal or wood base; 2 microphone (low impedance), 2 radio, and 2 phono inputs; 2 preamp and headphone outputs; voice actuated recording; slide sync provision; automatic shutoff. Price — not available.



VIKING 96

Tape speeds — $1\frac{1}{8}$, $3\frac{3}{4}$ and $7\frac{1}{2}$ and 15 ips (depending on drive shaft and pulley). **Heads** — three. **Motors** — three. **Record** — full, 2

and 4-track mono and 2 and 4-track stereo (depending on head configuration chosen). **Playback** — full, 2 and 4-track mono and 2 and 4-track stereo (depending on head configuration). **Frequency response** — 30-16,000 cps. **Indicators** — none. **Weight** — 50 lb. **Other features** — tape transport only designed for use with Viking RP110 or RP120 preamps. Price — from \$585.45.



VIKING 220

Tape speeds — $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. **Heads** — four. **Motors** — three. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 20-25,000 cps. **Indicators** — 2 meters. **Weight** — 45 lb. **Other features** — 2 microphone and 2 radio-phono inputs; 2 preamp, 2 external speaker, and headphone outputs; automatic reverse playback; remote control; sound-with-sound; automatic shutoff. Price — \$860.



VIKING 880

Tape speeds — $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. **Heads** — three. **Motors** — two. **Record** — 2 or 4-track mono and 2 or 4-track stereo. **Playback** — 2 and 4-track mono and 2 and 4-track stereo. **Frequency response** — 30-18,000 cps. **Indicators** — 2 meters. **Weight** — 45 lb. **Other features** — self-contained carrying case (recorder removable for custom installation); 2 microphone and 2 radio-phono inputs; 2 preamp, 2 external speaker and headphone outputs; monitoring; automatic transport stop; built-in speakers. Price — \$425. **Model 88**, deck with preamps only, \$339.95.



VISTA 910

Tape speeds — $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. **Heads** — two. **Motors** — one. **Record** — 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 50-15,000 cps. **Indicator** — meter. **Weight** — 26 lb. **Other features** — self-contained carrying case; 2 microphone and

2 radio-phono inputs; 2 extension speaker outputs; 2 built in speakers. Price — \$179.95.



V-M 733

Tape speeds — $1\frac{1}{8}$, $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. **Heads** — one. **Motors** — one. **Record** — 4-track mono. **Playback** — 4-track mono. **Frequency response** — 50-15,000 cps. **Indicator** — electric eye. **Weight** — 22 lb. **Other features** — self-contained carrying case; microphone input; preamp, external speaker, and headphone output; slide projector sync provision; built-in speaker. Price — \$169.95.



V-M 739

Tape speeds — $1\frac{1}{8}$, $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. **Heads** — one. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 50-15,000 cps. **Indicators** — 2 neon lights. **Weight** — 28 lb. **Other features** — self-contained carrying case; 2 microphone inputs; 2 preamp and 2 external speaker outputs; slide projector sync provision; sound-with-sound; 2 speakers built into split carrying case cover. Price — \$209.95.



V-M 754

Tape speeds — $1\frac{1}{8}$, $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. **Heads** — one. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 50-15,000 cps. **Indicators** — 2 meters. **Weight** — 47 lb. **Other features** — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 preamp, 2 external speaker and headphone outputs; sound-with-sound slide projector sync provision; built-in AM/FM tuner; automatic shutoff; 2 speakers in split carrying case covers. Price — \$419.95. **Model 744**, without AM/FM radio, \$319.95.

WEBCOR 2500-1

Tape speeds — $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. **Heads** — two. **Motors** — one. **Record** — 2-track mono.

Playback — 2-track mono. **Frequency response** — 300-7,000 cps. **Indicator** — none. **Weight** — 15 lb. **Other features** — self-contained carrying case; microphone input; built-in speaker. **Price** — \$109.95.

WEBCOR 2502



Tape speeds — 3¼ and 7½ ips. **Heads** — two. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 150-12,000 cps. **Meter** — none. **Weight** — 19 lb. **Other features** — self-contained carrying case; microphone input; preamp headphone outputs; slide sync provision; built-in speaker. **Price** — \$109.95.

WEBCOR 2503



Tape speeds — 1½, 3¼ and 7½ ips. **Heads** — two. **Motors** — one. **Record** — 4-track mono. **Playback** — 4-track mono. **Frequency response** — 100-15,000 cps. **Indicator** — meter. **Weight** — 21 lb. **Other features** — self-contained carrying case; microphone and radio-phono inputs; preamp and external speaker outputs; 2 built-in speakers. **Price** — \$159.95.

WEBCOR 2520



Tape speeds — 3¼ and 7½ ips. **Heads** — one. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 50-15,000 cps. **Indicator** — electric eye. **Weight** — 27 lb. **Other features** — self-contained carrying case; 2 microphone inputs; 2 external speaker outputs; 2 built-in speakers. **Price** — \$199.95.

WEBCOR 2522

Tape speeds — 1½, 3¼ and 7½ ips. **Heads** — two. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 2 and 4-track mono and 2 and 4-track stereo. **Frequency response** — 50-15,000 cps. **Indicator** — meter. **Weight** — 34 lb. **Other features** — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 preamplifier and 2 external

speaker outputs; sound-with-sound; automatic shut-off; built-in speakers. **Price** — \$259.95.



WEBCOR 2650

Tape speeds — 1½, 3¼ and 7½ ips. **Heads** — two. **Motors** — one. **Record** — 4-track

mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 40-18,000 cps. **Indicators** — 2 meters. **Weight** — 72 lb. **Other features** — self-contained carrying case; 2 microphone and 2 radio-phono inputs; 2 preamp and 2 external speaker outputs; sound-with-sound; sound-on-sound; speakers in wing carrying case covers. **Price** — Under \$500.

WOLLENSAK 1288

Tape speeds — 3¼ and 7½ ips. **Heads** — one. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency response** — 50-17,000 cps. **Indicators** — 2 meters. **Weight** — 23 lb. **Other features** — walnut base; 2 micro-

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WOLLENSAK 1980



Tape speeds — $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. Heads — two. Motors — one. Record — 2 and 4-track mono and 2 and 4-track stereo. Playback — 2 and 4-track mono and 2 and 4-track stereo. Frequency response — 40-18,000 cps. Indicators — 2 meters. Weight — 42 lb. Other features — self-contained carrying case; 2 microphone and 2 radio-phonos (low impedance) inputs; 2 preamp and 2 external speaker outputs; sound-with-sound; monitoring; automatic shutoff; built-in speakers. Price — \$379. Also available without speaker (Model 1981), \$339.95.

WOLLENSAK 5150



Tape speeds — $15/16$, $1\frac{7}{8}$, $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. Heads — one. Motors — one. Record — 2-track mono. Playback — 2-track mono. Frequency response — 40-17,000 cps. Indicator — meter. Weight — 20 lb. Other features — microphone and radio-phonos inputs; preamp output; automatic shutoff; monitoring; built-in speaker, all transistor. Price — \$149.95.

WOLLENSAK 5300

Tape speeds — $15/16$, $1\frac{7}{8}$, $3\frac{3}{4}$ and $7\frac{1}{2}$ ips. Heads — one. Motors — one. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 40-17,000 cps. Indicators — 2 meters. Weight — 45 lb. Other features — walnut cabinet; 2 microphone and 2 radio-phonos inputs; 2 preamp, 2 speaker and headphone outputs; automatic shutoff; tuner provision; 2 bookshelf speakers; enclosures all transistor. Price — \$279.95. Model 5280, smaller speaker cabinets, \$219.95; Model 5250, built-in speakers, no tuner provision, \$189.95; Model

5200 deck with preamps only, no cabinet, tuner provision, \$179.95.

WOLLENSAK 7100



Tape speeds — $1\frac{7}{8}$ ips. Heads — two. Motors — one. Record — 2-track mono and 2-track stereo. Playback — 2-track mono and 2-track stereo. Frequency response — 40-15,000 cps. Indicator — 2 neon lights. Weight — 32 lb. Other features — uses special Wollensak cartridge containing $\frac{1}{8}$ in. tape; self-contained carrying case; 2 microphone and 2 radio-phonos (low impedance) inputs; 2 preamp and 2 external speaker outputs; sound-with-sound; automatic loading; automatic and delayed shutoff; 2 built-in speakers. Price — \$399.95; Model 7200, wood cabinets, bookshelf speakers, \$459.95; Model 7000, deck with preamps only, \$339.95.

Battery Operated Portables

CHANNEL MASTER 6545



Tape speeds — $1\frac{7}{8}$, $3\frac{3}{4}$ ips. Heads — two. Motors — one. Record — 2-track mono. Playback — 2-track mono. Frequency response — 150-7000 cps. Indicator — meter. Weight — 6 lb. Other features — powered by 6 C-cell batteries; remote control microphone and radio-phonos inputs; earphone output; built-in speaker. Price — \$109.95.

CONCORD 330



Tape speeds — 1½ and 3¾ ips. **Heads** — two. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 50-10,000 cps. **Indicator** — meter. **Weight** — 6 lb. **Other features** — powered by 6 D-cell batteries or AC adapter; remote control microphone input; external speaker output; voice actuated recording; slide projector sync; manual tape speed control for movies. **Price** — \$179.95. **Model 320**, without slide projector sync, but with built-in AC adapter, \$129.95.



**FREEMAN
660 SENIOR**

Tape speeds — 1½ (with special capstan sleeve) 3¾ and 7½ ips. **Heads** — two. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 65-15,000 cps. **Indicator** — meter. **Weight** — 8½ lb. **Other features** — powered by 6 penlight batteries or AC with built-in adapter; remote control microphone and radio-phonograph inputs; earphone and external speaker outputs; stroboscope control 3¾ and 7½ ips; and built-in speaker. **Price** — \$199.50.



**GELOSO
UNICORDER
61**

Tape speeds — 1½ and 3¾ ips. **Heads** — one. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 100-5,000 cps. **Indicator** — electric eye. **Weight** — 6 lb. **Other features** — powered by 10 penlight batteries or AC; remote control microphone and radio-phonograph inputs; extension speaker output; 2 built-in speakers; and strobe disc for manually controlled sync with 8mm projector. **Price** — \$149.95.

GELOSO 540

Tape speed — 1½ ips. **Heads** — one. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 80-6,000. **Indicator** — meter. **Weight** — 5 lb. **Other features** — powered by 8 C-cell batteries or AC. Remote control mike and radio-phonograph input; earphone output; built-in speaker. **Price** — \$149.95.

GELOSO TR-711

Tape speeds — 1½ and 3¾ ips. **Heads** — one. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 100-5,000 cps. **Indicator** — meter. **Weight** — 4 lb. **Other features** — powered by 6 penlight batteries; remote control microphone and radio-phonograph inputs; earphone output; built-in speaker. **Price** — \$199.95.

GRUNDIG TK 6

Tape speeds — 1½, 3¾ ips. **Heads** — two. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 50-13,000 cps. **Indicator** — meter. **Weight** — 13 lb. **Other features** — powered by 6 D cells AC, or car battery; microphone input; preamp, earphone, outputs; built-in speaker.

MIDGETAPE 500M

Tape speed — 3¾ ips. **Heads** — one. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 100-10,000 cps. **Indicator** — meter. **Weight** — 3 lb. **Other features** — cartridge machine; operates on 1 T-12 Burgess battery; microphone input; preamp and earphone outputs. **Price** — \$393.95. **Model 500X**, \$330; **Model 400** 1½ ips, microphone input, earphone output, \$269.50.

MINITAPE M9

Tape speed — 7½ ips. **Heads** — three. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 50-15,000 cps. **Indicator** — none. **Weight** — 13 lb. **Other features** — powered by 8 nickel-cadmium batteries; metal attache case; two microphone inputs; preamp output; monitoring. **Price** — \$499; full track stereo, lip sync (motion pictures) models available.



**MIRANDA
MIRANETTE**

Tape speeds — 1½ and 3¾ ips. **Heads** — two. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 200-6,000 cps. **Indicator** — meter. **Weight** — 7¼ lb. **Other features** — powered by 4 D-cell batteries or AC; remote control microphone input; extension speaker output; built-in speaker. **Price** — \$169.95.

NAGRA IIIIP

Tape speeds — 3¾, 7½ and 15 ips. **Heads** — four. **Motors** — one. **Record** — full track mono. **Playback** — full track mono. **Frequency response** — 30-18,000 cps. **Indicators** — three meters. **Weight** — 15 lb. **Other features** — powered by 12 D-cell batteries; 4 microphone inputs; preamplifier output, monitor; neo-pilot for motion picture sync (4th head) driven by camera generator. **Price** — \$1,049.60.



**NORELCO
101**

Tape speed — 1½ ips. **Heads** — two. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 80-8,000 cps. **Indicator** — meter. **Weight** — 7 lb. **Other features** — powered by 6 D-cell batteries or AC with adapter; microphone and radio-phonograph inputs; preamp output; remote control provision; built-in speaker.

**FANON-
MASCO
FTR
403F**



Tape speeds — 1½ and 3¾ ips. **Heads** — two. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** 150-6000 cps. **Indicator** — meter. **Weight** — 5 lb. **Other features** — powered by 6 penlight batteries or with optional AC adapter; remote control microphone and radio-phonograph inputs; external speaker output; built-in speaker. **Price** — \$99.95.

**FI-CORD
202A**



Tape speeds — 3¾ and 7½ ips. **Heads** — two. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 50-12,000 cps. **Indicator** — meter. **Weight** — 6¾ lb. **Other features** — powered by 7 1.4-volt mercury batteries, or AC or car battery with accessory adapters; microphone input; pre-amplifier and external speaker outputs; remote control; built-in speaker. **Price** — \$350.

**FREEMAN 550
SENIOR**



Tape speeds — 1½, 3¾ and 7½ ips. (with optional capstan bushing and pinch wheel kit). **Heads** — two. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 65-12,000 cps. **Indicator** — meter. **Weight** — 5½ lb. **Other features** — powered by 6 penlight batteries or AC with adapter; remote control microphone and radio-phonograph inputs; earphone and external speaker outputs; built-in speaker. **Price** — \$159.50.

MINIFON 978-H

Tape speed — 1½ ips. **Heads** — one. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 40-12,000 cps. **Indicator** — none. **Weight** — 28 oz. **Other features** — cartridge loaded; operates on 12-volt, dry cell car battery or AC with adapter; remote control microphone input; earphone output; monitoring. **Price** — \$329.95. Model 178A with 250-4500 cps. response, \$299.95.

SONY 800



Tape speeds — 1½, 3¾ and 7½ ips. **Heads** — two. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 50-12,000 cps. **Indicator** — meter. **Weight** — 13 lb. **Other features** — 4 D-cell batteries or AC. Remote control microphone input; earphone output; automatic record level control; and built-in speaker. **Price** — less than \$225.

NORELCO 150



Tape speed — 1½ ips. **Heads** — two. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 100-7,000 cps. **Indicator** — meter. **Weight** — 3 lb. **Other features** — powered by 5 C-cell batteries or AC with adapter; uses special Norelco tape cartridge loaded with ½ in. tape; remote control microphone input; preamp output; remote unit may be separated from microphone; built-in speaker.

SONY 905-A



Tape speeds — 1½ and 3¾ ips. **Heads** — two. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 90-9500 cps. **Indicator** — none. **Weight** — recorder, 4¼ lb.; amplifier 3½ lb. **Other features** — powered by 4 rechargeable nickel-cadmium batteries; piggy-back unit that can be separated into recorder and amplifier-speaker sections; remote control microphone input; earphone output, automatic record level adjustment; voice activated mike. 1 speaker in recorder section and 1 speaker in amplifier section. **Price** — \$159.50.

OLYMPUS PENCORDER 524-D



Tape speeds — 1½ and 3¾ ips. **Heads** — two. **Motors** one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — not available. **Indicator** — meter. **Weight** — 6¼ lb. **Other features** — powered by 6 C-cell batteries or AC with adapter; remote control microphone and radio-phonograph inputs; earphone output; built-in speaker. **Price** — \$159.95. 524-F, without counter, \$139.95; 524, without fast forward, \$119.95.

PANASONIC RQ-152

Tape speeds — 1½ and 3¾ ips. **Heads** — one. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 100-7000 cps. **Indicator** — meter. **Weight** — 7¼ lb. **Other features** — powered by 6 D-cell batteries; remote control microphone and radio-phonograph inputs; extension speaker output; monitoring; built-in speaker. **Price** — \$99.95.

ROBERTS 6000S



Tape speeds — 15/16, 1¾, 3¾ and 7½ ips. **Heads** — three. **Motors** — one. **Record** — 4-track mono and 4-track stereo. **Playback** — 4-track mono and 4-track stereo. **Frequency re-**

sponse — 40-20,000 cps. **Indicator** — meter. **Weight** — 11 lb. 2 oz. **Other features** — 16-volt rechargeable battery or AC with adapter. Microphone and radio-phonograph inputs; external speaker and headphone output; cross field head; built-in speaker; all transistor. **Price** — \$359.95. Model 6000M, mono, \$299.95.

TELEFUNKEN MAGNETOPHON 300



Tape speed — 3¾ ips. **Heads** — two. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 40-14,000 cps. **Indicator** — meter. **Weight** — 7½ lb. **Other features** — powered by 5 D-cell batteries or rechargeable nickel-cadmium battery or AC (with battery charger); microphone, and radio and phono inputs; preamp and earphone outputs; built-in speaker. **Price** — \$169.95.

UHER 4000S



Tape speeds — 15/16, 1¾, 3¾ and 7½ ips. **Heads** — two. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 50-22,000 cps. **Indicator** — meter. **Weight** — 7 lb. 6½ oz. **Other features** — powered by 5 nickel-cadmium batteries, or 5 D-cell, or rechargeable storage battery or AC (with combination power and recharger unit); remote control microphone and radio-phonograph inputs; preamp and external speaker outputs; provision for slide sync accessory; provision for voice controlled operation; built-in speaker. **Price** — \$419.95.

V-M 760



Tape speeds — 1½ and 3¾ ips. **Heads** — one. **Motors** — one. **Record** — 2-track mono. **Playback** — 2-track mono. **Frequency response** — 200-6000 cps. **Indicator** — meter. **Weight** — 5 lb. **Other features** — powered by 10-volt nickel-cadmium battery; rechargeable; microphone and radio-phonograph inputs; external speaker (or earphone) output; built-in speaker. **Price** — \$129.95.

SOMEDAY, THERE MAY BE OTHER FULLY AUTOMATIC TAPE RECORDERS LIKE THE NEW CONCORD 994



The 994 gives you automatic reversing Plays or records automatically three different ways Stops by itself where you want it to Threads itself automatically And, the 994 is available now!

With the transistorized 994, Concord introduces a new dimension to tape recording. Some might call it modernization, some might call it automation. We think of it as *convenience*—in playing, in recording, in starting and stopping, in threading, in hours of uninterrupted listening. You can't compare it to anything because the 994 is as different from the conventional stereo recorder as the old crank-type Gramophone is from the modern record changer.



AUTOMATIC PROGRAMMING. You can program the 994 to play or record one side of a tape from beginning to end and stop automatically. Or, to play/record first one side of the tape, reverse, play the other side, then stop automatically. Or, to play/record forward and back, forward and

back, continuously, as long as you like—an hour, six hours, or all day. You may change direction of tape any time you like by merely pressing the direction change buttons. These same lighted buttons automatically show you direction of tape travel.

PUSH-BUTTON KEYBOARD. The operating controls are literally at your fingertips. This is the one recorder you can operate without arm waving, and with one hand! As far as threading, that's even simpler—the 994 threads itself automatically.



After all this, we didn't just stop in designing the 994. We kept going. As a result, the 994 offers superb performance and every conceivable feature required for your listening and recording pleasure. Here's a brief sample: three speeds with automatic equalization, four professional heads, two VU meters, digital tape counter, cue control, sound-on-sound, exclusive Concord Trans-A-Track recording, 15-watt stereo amplifier, professional record/monitoring system. The 994 may also be used as a portable PA system, with or without simultaneous taping.



TWO-WAY STEREO SPEAKERS. The split lid of the 994 houses a pair of true two-way speaker systems, each containing a tweeter, woofer, and crossover network. A pair of highly sensitive *dynamic* microphones is included.



The 994 is priced under \$450.* An identical recorder, Model 990 comes without speakers or microphones and is priced under \$400.* Both are at your dealer's now. So why wait? Drop in for a demonstration and find out for yourself what *fully automatic tape recording by Concord* is all about! Or, for complete information, write Dept. TR.

For Connoisseurs of Sound

Other Concord models from \$50 to \$800.

CONCORD 994

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IN CANADA: Magnasonic Industries, Ltd., Toronto/Montreal

*Prices slightly higher in Canada.

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NEW SLEEK LOOK IN SUPERB SOUND—WHAT YOU WANT IS A WOLLENSAK! 3M

Be sure to show the price tag, because most customers will think it's twice that price! And no wonder—this is the most strikingly beautiful tape recorder at any price. Magnificent walnut furniture six and one-half feet long. Modern sectional construction allows you to hang it on the wall, stack it, or put it in a bookshelf. And this slim styling contains the most advanced solid-state stereo tape recorder and two powerful stereo speakers. AM-FM stereo tuner is optional at extra cost. Uniquely designed Control Central is a sound studio in a hand-span: new power activated push buttons, two VU meters, 4 speed-4 track, four digit tape counter, monitor facility, stereo headphone jack, FM multiplex-ready, finest Wollensak construction. And the biggest advertising promotion in tape recorder history will tell the world about the new Wollensak "Sleek Look" line. So stock up now. Your Wollensak salesman has all the details.



Over six feet of beautiful furniture, most advanced tape features: New Wollensak 5300 Stereo Recorder

