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

AMPÈRE CORPORATION, 2001 LANDMARK ROAD, ELK GROVE VILLAGE, ILLINOIS 60007

ask anyone who knows
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-phone) 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-phone 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 your 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
CHOOSE THE RIGHT RECORDING TAPE

The combination of bases, lengths and oxide formulations 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 1½-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 recording artist. 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 lower noise quality, improve frequency response, and recording clarity at 5¼ 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 respooled tape made up of odds and ends. What you get depends on luck.

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

<table>
<thead>
<tr>
<th>Feet</th>
<th>Supplied on</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>150</td>
<td>1½ mil on 3” reel</td>
<td>3½ min.</td>
</tr>
<tr>
<td>225</td>
<td>1 mile on 3” reel</td>
<td>6 min.</td>
</tr>
<tr>
<td>250</td>
<td>1½ mil on 3½” reel</td>
<td>6¼ min.</td>
</tr>
<tr>
<td>300</td>
<td>1½ mil on 4” reel</td>
<td>7½ min.</td>
</tr>
<tr>
<td>375</td>
<td>1½ mil on 3¼” reel</td>
<td>9½ min.</td>
</tr>
<tr>
<td>600</td>
<td>1½ mil on 5” reel</td>
<td>15 min.</td>
</tr>
<tr>
<td>850</td>
<td>1½ mil on 5¾” reel</td>
<td>24¼ min.</td>
</tr>
<tr>
<td>900</td>
<td>1½ mil on 6” reel</td>
<td>22½ min.</td>
</tr>
<tr>
<td>1200</td>
<td>1½ mil on 7” reel</td>
<td>30 min.</td>
</tr>
<tr>
<td>1500</td>
<td>1½ mil on 7¾” reel</td>
<td>37½ min.</td>
</tr>
<tr>
<td>1700</td>
<td>1½ mil on 8” reel</td>
<td>43 min.</td>
</tr>
<tr>
<td>1800</td>
<td>1½ mil on 8¾” reel</td>
<td>45 min.</td>
</tr>
<tr>
<td>2250</td>
<td>1½ mil on 9” reel</td>
<td>56¼ min.</td>
</tr>
<tr>
<td>2400</td>
<td>1½ mil on 9¾” reel</td>
<td>60 min.</td>
</tr>
<tr>
<td>3000</td>
<td>1½ mil on 10” reel</td>
<td>75 min.</td>
</tr>
<tr>
<td>3600</td>
<td>1½ mil on 10¾” reel</td>
<td>90 min.</td>
</tr>
</tbody>
</table>

CIPHER I


CIPHER II


CIPHER VI


CHANNEL MASTER 6470


CHANNEL MASTER 6547


CHANNEL MASTER 6548


CIPHER VII

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 3½ 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.

"SCOTCH" and THE PLAIN DECKS ARE REG. TM OF 3M CO., ST. PAUL MINN. 55179. ©1967, 3M CO.

Magnetic Products Division 3M Company
CONCORD 120

CONCORD 220

CONCORD 444
Tape speeds — 1 1/4, 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 — 50-6000 cps. Indicato — 2 neon lights. Weight — 30 lb. Other features — self-contained carrying case; microphone and radio-phone inputs; 2 preamps and 2 external speaker outputs; sound-on-sound; track transfer; 1 speaker built into machine and 1 speaker in case lid. Price — $399.95.

CONCORD 555
Tape speeds — 1 1/4, 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 — 40-15,000 cps. Indicato — 2 meters. Weight — 46 lb. Other features — self-contained mechanism; 2 microphones and 2 radio-phone inputs; 3 preamps and 2 external speaker outputs; sound-on-sound; automatic shuffle; 2 speakers in split carrying case lid. Price — $550.95.

CONCORD R-2000
Tape speeds — 3/4 and 7 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 — 30-15,000 cps. Indicato — 2 meters. Weight — 46 lb. Other features — deck with record and playback preamplifiers; 2 microphones and 2 radio-phone inputs; 2 preamps and 2 stereo headphone outputs; sound-on-sound; automatic reverse play; remote control; AIB monitoring. Price — $795.

CROWN 55722

CROWN SS824
Tape speeds — 1 1/4, 3 3/4 and 7 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 — 50-30,000 cps. Indicato — 2 meters. Weight — 60 lb. Other features — deck with preamps and 2 microphones and 2 radio-phone inputs; 2 preamps and 2 extension speaker outputs; automatic stop. Price — $1,295; 2 track stereo version available.

DELMONICO PTR-55

DYNACO BECOND 2000
Tape speeds — 1 1/4, 3 3/4 and 7 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 — 40-30,000 cps. Indicato — 2 meters. Weight — 41 lb. Other features — wood cabinet console or self-contained carrying case; 2 microphones and 2 radio-phone inputs; 2 preamps and 2 extension speaker 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.
EMERSON MM516

EMERSON 517

EMERSON SS533
Tape speeds — 15/16, 1 1/8, 3 3/4 and 7 7/8 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-phone inputs; 2 preamp and 2 external speaker outputs; sound-on-sound, sound-with-sound; automatic shut-off; 2 built-in speakers. Price — $179.95.

EMERSON SS544

EMERSON M50K
Tape speeds — 3 1/4 and 7 1/2 ips. Heads — two. Motors — one. Record — 4-track mono and 4-track stereo. Frequency response — 40-20,000 cps. Indicator — electric eye. Weight — 33 lb. Other features — self-contained carrying case; 1 microphone and 2 radio-phone inputs; 1 preamp and 2 external speaker outputs; adapter available for sound-on-sound or sound-with-sound; built-in speaker. Price — $400.

GELOSIO 4-10

GELOSIO 801

GELOSIO 802
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 — 14 lb. Other features — self-contained carrying case; 2 microphone and 2 radio-phone inputs; 2 preamp and 2 extension speaker outputs; sound-on-sound, automatic shut-off; 2 built-in speakers; all-transistor. Price — $189.95. Model 803 deck, with preamps only, $109.95.

GELOSIO 804
Tape speeds — 3 3/4 and 7 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 3/4 lb. Other features — deck with preamps only; 2 microphone, 2 radio-phone, 2 auxiliary inputs and 4 low level inputs; 2 preamp and monitoring headphone outputs; source and tape monitoring. Price — not available.

GEMSONIC 801

GEMSONIC 804
Tape speeds — 3 3/4 and 7 1/2 ips. Heads — three. Motors — one. Record — 4-track mono and 4-track stereo. Frequency response — 40-17,000 cps. Indicators — 2 meters. Weight — 13 3/4 lb. Other features — deck with preamps only; 2 microphone, 2 radio-phone, 2 auxiliary inputs and 4 low level inputs; 2 preamp and monitoring headphone outputs; source and tape monitoring. Price — not available.

GRUNDIG TK46
Tape speeds — 1 1/4, 3 3/4 and 7 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 — 40-12,000 cps. Indicator — electric eye. Weight — 33 lb. Other features — self-contained carrying case; 2 microphone and 2 radio-phone inputs; 2 preamp and 2 external speaker outputs; preamp and external speaker outputs; remote control mike; built-in speakers. Model TM 45V, deck with preamps only.

GRUNDIG TK400
Tape speeds — 3 3/4 and 7 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-phone inputs; preamp and external speaker outputs; sound-with-sound (with external amplifier); built-in speaker.

GRUNDIG TK200

KINIGHT-KIT KG-415
Tape speeds — 3 3/4 and 7 1/2 ips. Heads — two. Motors — one. Record — 4-track mono and 4-track stereo. Frequency response — 40-17,000 cps. Indicators — 2 meters. Weight — 13 3/4 lb. Other features — deck with preamps only; 2 microphone, 2 radio-phone, 2 auxiliary inputs and 4 low level inputs; 2 preamp and monitoring headphone outputs; source and tape monitoring. Price — not available.
Tape speeds — 3⅝ and 7⅝ 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 with preamps only; 2 microphone and 2 radio-phone inputs; 2 preamp, headphone outputs; mixing, sound-on-sound; echo; monitoring; all transistor. Price — $249.95.

**KORTING 4000**

Tape speeds — 1⅝, 3⅝ and 7½ 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-phone, 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**


**LAFAYETTE RK-600A**


**LAFAYETTE RK-675**


**LAFAYETTE 1000B**

Tape speeds — 3⅝ and 7⅝ 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 electric eyes. Weight — 43 lb. Other features — teakwood cabinet; 2 microphone and 2 radio-phone inputs; 2 preamp and 2 external speaker outputs; sound-with-sound; automatic shut-off; 2 built-in speakers. Price — $189.95.

**MAGNECORDER 1020**


**MAGNECORDER 1021**

Tape speeds — 3⅝ and 7⅝ ips. Heads — three. Motors — three. Record — 4-track mono and 4-track stereo. Playback — 4-track mono and 4-track stereo. Frequency response — 45-18,000 cps. Indicators — 2 meters. Weight — 40 lb. Other features — optional wood base; deck with preamps only; 2 microphone and 2 radio-phone inputs; 2 preamp, 2 headphone outputs; monitoring. Price — $570.

**MAGNECORDER 1022**


**MAGNECORDER 1024**

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.

MAGNERCOR 1028


MASTERWORK M-800


NORELCO 201


OKI 111


OKI 222


Now there's a high-performance all-purpose sound recording tape that brings to your recorder the quality materials and precise techniques used in making computer and instrumentation tape. It's called Formula 10 Audiotape. Here's why:

1. Fully compatible with all recorders.
2. No bias adjustments necessary.
3. All standard widths, lengths, base materials and thickness—all electrically interchangeable.
4. Oxide will not rub off or smear.
5. Polished surfaces for reduced friction and head wear.
6. Strict uniformity from reel to reel.
7. Exceeds govt's specs for minimum droppouts, even in slow speed, edge track recording.
8. Greater sensitivity at all frequencies.
9. Higher signal to noise ratios.
10. Smoother overload at all frequencies. Test it today.

AUDIO DEVICES, INC., 235 East 42 Street, New York
OKI 300
Tape speeds — 3½ 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 — 9 lb. Other features — self-contained carrying case; microphone and radio-phone inputs; 2 speaker outputs; automatic shut-off; sound-on-sound. Price — $239.95; Model 300A, deck with preamps only, $159.95.

OKI 333
Tape speeds — 3½ and 7½ ips. Heads — four. Motors — one. Record — 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-phone inputs; 2 speaker outputs; automatic shut-off; sound-on-sound; built-in speaker. Price — $349.95.

OKI 555
Tape speeds — 3½ 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-phone inputs; 2 speaker outputs; automatic shut-off; sound-on-sound; built-in speaker. Price — $349.95.

RCA YGB 29

RCA YGB 11

RCA YGB 31

RCA YGD 43
Tape speeds — 1½ and 3½ 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 — 54 lb. Other features — deck with preamps only; 2 microphone and 2 radio-phone inputs; automatic shut-off; sound-on-sound; built-in speaker. Price — $299.95.

RCA YGD 45
Tape speeds — 1½, 3½ and 7½ ips. Heads — two. Motors — one. Record — 4-track mono and 4-track stereo. Frequency response — 50-15,000 cps. Indicators — 2 meters. Weight — less than 9 lb. Other features — automatic shut-off; sound-on-sound; built-in speaker. Price — $199.95; Model YGD 45A, deck with preamps only, $159.95.

RHEEM CALIFONE 3100

RHEEM CALIFONE 3110

RHEEM CALIFONE 3170
Tape speeds — 3½ and 7½ (15 optional) ips. Heads — three. Motors — three. Record — 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-phone inputs; automatic shut-off; sound-on-sound. Price — $299.95.
Tape speeds — 3⅛ and 7⅛ (15 optional) ips. Heads — two. Motors — one. Record — 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-phone inputs; 2 preamp; 2 external speaker and headphone outputs; sound with-sound and 2 built-in speakers. Price — $399.95.

ROBERTS 770
Tape speeds — 1⅛, 3⅛ and 7½ (15 optional) ips. Heads — three. Motors — one. Record — 4-track mono and 4-track stereo. Frequency response — 42-22,000 cps. Indicators — 2 meters. Weight — 49 lb. Other features — self-contained carrying case; 2 microphone and 2 radio-phone inputs; 2 preamp; 2 external speaker and headphone outputs; cross field head; monitor; automatic shut-off. Price — $359.95.

ROBERTS 5000
Tape speeds — 3⅛ and 7⅛ (15 optional) ips. Heads — three. Motors — three. Record — 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-phone inputs; 2 preamp; 2 external speaker and headphone outputs; all transistor; 2 built-in speakers. Price — $799.95.

ROBERTS 1620

SHARP RD-701
SONY 263 E

SONY 262 E
Tape speeds — 3 3/4 and 7 1/2 ips. Heads — two. Motors — one. Record — 4-track mono and 4-track stereo. Frequency response — 60-14,000 cps. Meters. Weight — 21 lb. Other features — self-contained carrying case; 2 microphone and 2 radio-phone inputs; deck with transport only; designed for use with Sony Amplifier (SA-2L). Price — less than $119.95.

SONY 260

SONY 250 A

SONY 200

SONY 500 A

SONY 600

SONY 777 S-4

SYMPHONIC R-200

SYMPHONIC 1000

SYMPHONIC 800

TANDBERG 64
There are 9 sound reasons why you should sell Uher:

1. Quality
2. The Uher 4000
3. The Uher 5000
4. The Uher 6000
5. The Uher 7000
6. The Uher 8000
7. The Uher 9000 Tape Deck
8. High Protected Profit
9. National advertising reaching 20,000,000 readers

Profits begin and end with a Uher tape recorder
Tape speeds - 3 1/8 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 - 50-18,000 cps. Indicators - meter. Weight - 16 lb. Other features - self-contained carrying case; 2 microphone and 2 radio-phone inputs; 2 preamp and headphone outputs; slide sync provision; sound-on-sound; automatic shut-off; 2 built-in speakers. Price - not available. Model 6000 - 2-track mono record and playback.

Viking 220

Tape speeds - 3 3/4 and 7 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 - 50-20,000 cps. Indicators - 2 meters. Weight - 45 lb. Other features - 2 microphone and 2 radio-phone inputs; 2 preamp, 2 external speaker, and headphone outputs; automatic reverse playback; remote control; sound-with-sound; automatic shut-off. Price - $360.

Viking 880

Tape speeds - 3 3/4 and 7 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; 2 microphone and 2 radio-phone 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 3/4 and 7 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. Indicators - meter. Weight - 26 lb. Other features - self-contained carrying case; 2 microphone and 2 radio-phone inputs; 2 preamp, 2 external speaker and headphone outputs; sound-with-sound; automatic shut-off; 2 speakers built into split carrying case cover. Price - $269.90.

Weber 754


WEBCOR 2502


WEBCOR 2650


WEBCOR 2503


WEBCOR 2520


WEBCOR 2522


The World's First Stereo Scored Orchestra

101 Strings

on STEREO TAPE

$4.95

THE FINEST IN SOUND . . . AT SENSIBLE PRICES

Every program preference . . . from popular to classic, Broadway shows to travel . . . is yours with AUDIO SPECTRUM TAPES. The magnificence and stereo depth of these tapes will thrill and delight the connoisseur. You will note that neither the melody line nor the full counter line is sacrificed. You will also appreciate the unparalleled dimension and fidelity that the technicians and artists working on AUDIO SPECTRUM bring into your home. The highest standards are set . . . and maintained . . . by AUDIO SPECTRUM . . . Hear it for yourself . . . now!

A Partial List of Available Stereo Tapes . . .

- The Soul of Spain (AST-105)
- Grand Canyon Suite (AST-106)
- Broadway Cocktails (AST-110)
- Italian Rites (AST-117)
- Million Sellers of the 40's (AST-122)
- Million Sellers of the 50's (AST-123)
- The Soul of Mexico (AST-119)
- Victory at Sea (AST-204)
- Pipe Organ Plus Golden Age of the Dance Band (AST-211)
- Pipe Organ Plus Golden Age of the Dance Band (AST-213)
- Best of American Theatre (AST-222)
- Pipe Organ Plus Sounds of Marching (AST-213)
- Marches from the Opera (AST-301)
- Gaite Parisienne (AST-301)

WRITE FOR FREE CATALOG

America's Fastest Selling Pre-Recorded Tapes

For those who enjoy gracious living!

Cartridge Stereo Tapes for the Auto

Breeze along in your car . . . listen to the true-fidelity sounds of the music you love . . . undistorted, undisturbed by commercial! It's the newest line by AUDIO SPECTRUM . . . auto cartridge tapes! We have a complete selection for your listening pleasure . . . hear them all . . . they're most sensibly priced.

Mid. by MILLER INTERNATIONAL CO., DEPT. TRG., RUNNEMEDE, NJ.  

$4.95 Mono or Stereo
Converting most standard tape recorders to continuous operating message repeaters. Loaded for 3, 5, 8, 12, and 15-minute capacities at 3¾ ips. Repeats message, lesson, or other recorded material as long as desired. Ideal for sleep learning, language study, or wherever a repeated message is of value. Packed in clear plastic dust-proof, stand-up cases.

**WOLLENSAK 1980**

Tape speeds — 3¾ and 7½ 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-phone (low impedance) inputs; 2 preamp and 2 external speaker outputs; sound-with-sound; monitoring; automatic shut-off; built-in speakers. Price — $379. Also available without speaker (Model 1981), $339.95.

**WOLLENSAK 5150**


**WOLLENSAK 5300**

Tape speeds — 15/16, 1⅛, 3¾, 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 — 40-17,000 cps. Indicators — 2 meters. Weight — 45 lb. Other features — walnut cabinet; 2 microphone and 2 radio-phone inputs; 2 preamp, 2 speaker and headphone outputs; automatic shut-off; turret provision; 2 bookshelf speakers; enclosures all transistor. Price — $279.95. Model 5280, smaller speaker cabinets. $219.95; Model 5250, built-in speakers, no turret provision, $189.95; Model 5200 deck with preamps only, no cabinet, turner provision, $179.95.

**WOLLENSAK 7100**

Tape speeds — 1⅞ 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 1½ in. tape; self-contained carrying case; 2 microphone and 2 radio-phone (low impedance) inputs; 2 preamp and 2 external speaker outputs; sound-with-sound; automatic loading; automatic and delayed shut-off; 2 built-in speakers. Price — $399.95; Model 7200, wood cabinets, bookshelf speakers, $459.95; Model 7000, deck with preamps only, $339.95.

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**Battery Operated Portables**

**CHANNEL MASTER 6545**


**CONCORD 330**


**FANOM-MASCO**

FTR 403F


**FI-CORD**

202A

Tape speeds — 3/4 and 7 1/2 ips. Heads — two. Motors — one. Record — 2-track mono. Playback — 2-track mono. Frequency response: 50-12,000 cps. Indicator — meter. Weight — 6 1/2 lb. Other features — powered by 1 1/2 volt mercury batteries, or AC or car battery with auxiliary adapters; microphone input; preamplifier and external speaker outputs; remote control; built-in speaker. Price — $350.

**FREEMAN**

660 SENIOR

Tape speeds — 3/4 and 7 1/2 ips. Heads — two. Motors — one. Record — 2-track mono. Playback — 2-track mono. Frequency response: 100-5000 cps. Indicator — electric eye. Weight — 6 lb. Other features — powered by 10 penlight batteries or AC; remote control microphone and radio-phonc inputs; extension speaker output; 2 built-in speakers; and strobe disc for manually controlled sync with 8mm projector. Price — $149.95.

**GELOSO**

UNICORDER

61


**MIDGETAPE 500M**


**MINITAPE M9**


**MIRANDA**

MIRANDETTE


**NAGRA IIIIP**


**NORELCO**

101


**GELOSO 540**


**GELOSO TR-711**


**GRUNDIG TK 6**

Tape speeds — 1 1/2, 3 1/4 and 7 1/2 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 5 D cells AC, or car battery; microphone input; preamp, earphone outputs; built-in speaker.
MINIFON 978-H

SONY 800

SONY 905-A
Tape speeds — 1 1/8, 3 3/8 and 7 1/2 ips. Heads — two. Motors — one. Record — 2-track mono. Frequency response — 80,000 cps. Indicator — none. Weight — recorder, 4 1/2 lb.; amplifier, 3 1/2 lb. Other features — powered by 4 rechargeable nickel-cadmium batteries; plug-in 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.

TELEFUNKEN MAGNETHOPHON 300
Tape speed — 3 3/4 ips. Heads — two. Motors — one. Record — 2-track mono. Frequency response — 40-14,000 cps. Indicator — meter. Weight — 7 1/4 lb. Other features — powered by 5 D-cell batteries or rechargeable nickel-cadmium battery or AC (with battery charger); microphone, and radio and phone inputs; preamp and earphone outputs; built-in speaker. Price — $189.95.

OLYMPUS PENCORDER 524-D
Tape speeds — 1 1/8 and 3 3/4 ips. Heads — two. Motors — one. Record — 2-track mono. Playback — 2-track mono. Frequency response — not available. Indicator — meter. Weight — 6 1/4 lb. Other features — powered by 6 C-cell batteries or AC with adapter; remote control microphone and radio-phone inputs; earphone output; built-in speaker. Price — $159.95. 524-B, without counter, $139.95; 524, without fast forward, $119.95.

SAXON 555

UHER 4000S
Tape speeds — 15/16, 1 1/8, 3 3/4 and 7 1/8 ips. Heads — two. Motors — one. Record — 2-track mono. Playback — 2-track mono. Frequency response — 50-22,000 cps. Indicator — meter. Weight — 7 lb. 6 1/2 oz. Other features — powered by 5 nickel-cadmium batteries, or 5 D-cell, or rechargeable storage battery or AC (with combination power and recharge unit); remote control microphone and radio-phone 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
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

CONCORD 994

Other Concord models from $50 to $100.

CONCORD ELECTRONICS CORPORATION, 1935 Armacost Avenue, Los Angeles, California 90025

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

THE SIGNATURE OF QUALITY • Tape Recorders/Industrial Sound Equipment/Dictation Systems/Communications Devices/Closed Circuit Television

*Prices slightly higher in Canada.
NEW SLEEK LOOK IN SUPERB SOUND—WHAT YOU WANT IS A WOLLENSAK!

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