

INTRODUCING

**S**tereocorder



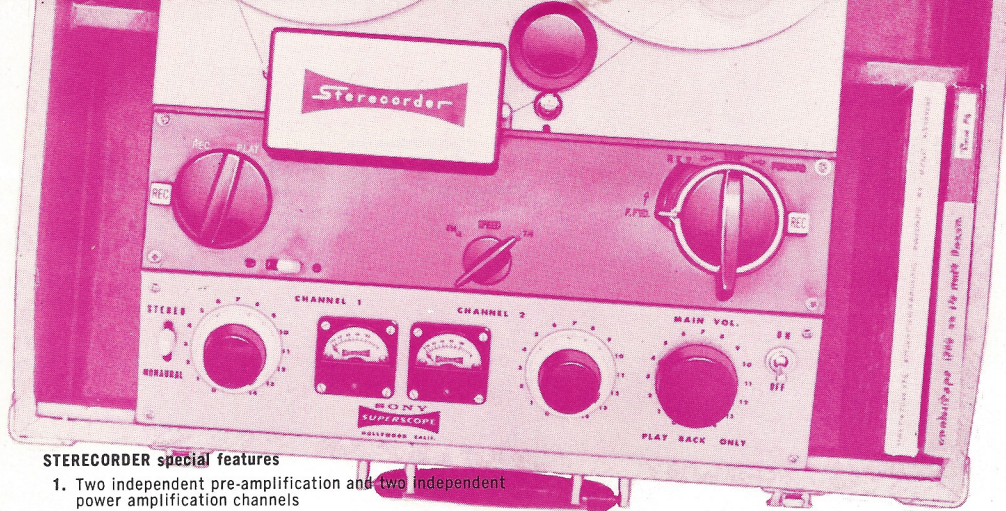
THE FIRST  
COMPLETE  
**STEREOPHONIC  
RECORDER**  
AND  
**PLAYBACK**  
IN ONE  
COMPACT UNIT

*For the first time, you can actually record, as well as hear, the breath-taking realism of stereophonic sound . . . all with one, low-cost system. The new STERECORDER opens an exciting world of "living sound."*

The new STERECORDER records stereophonically from 2 microphones or AM-FM sources on both tracks of the tape . . . then plays back each track over separate speakers to create a new feeling of depth and direction by exactly reproducing the original performance.

*This complete binaural and monaural recording and playback system is designed for professional requirements and home use. Easily portable, mounted in distinctive leather and vinyl case. Equipped with 2 high impedance, dynamic microphones. Also available with 2 James B. Lansing Signature 12" speakers (Model D123) in individual enclosures that combine to form matching carrying case.*

SONY  
**SUPERSCOPE**  
Stereocorder



**STERECORDER special features**

1. Two independent pre-amplification and two independent power amplification channels
2. Hysteresis synchronous drive motor . . . eliminates timing loss
3. Two professional V. U. meters for maintaining accurate recording and playback levels on both channels
4. In-line (stacked) high frequency erase head . . . erases both channels in "Stereo Record" position or single channel (half track) in "Monaural Record" position
5. In-line (stacked) record and playback head
6. Individual channel volume controls for perfect sound balance in recording and playback
7. Main volume control
8. Individual tone controls for each channel
9. Instantaneous stop lever (combined with manual operation of reels) for faster, more precise tape editing and cueing
10. Automatic tape lifter . . . protects heads and tape in fast forward or rewind operation.
11. Professional pinch roller and capstan . . . extra large roller surface reduces flutter and wow; capstan Total Indicator Reading: .00025" (Or choice of 50 cycle capstan and pinch roller at no extra cost)
12. Output and input provisions for binaural or monaural off-the-air dubbings or recordings
13. Two professional, F38 Sony high impedance dynamic microphones . . . semi-directional, mounted on special bases
14. Automatic head de-magnetizing circuit . . . stops residual magnetism and tape hiss, eliminates dangerous "pull" against head poles caused by external de-magnetizing source
15. Dynamically balanced flywheel . . . no pulleys or belts to wear out; complete mechanism utilizes advanced "rim-drive" principle
16. Fast forward switch
17. Output for binaural or monaural headphone monitoring
18. Pre-set NARTB recording equalization
19. Safety lock recording button . . . prevents accidental erasure of pre-recorded tape
20. Instantaneous channel selector for stereophonic record-playback or monaural record-playback
21. Instantaneous speed selector for 3¾ or 7½ ips
22. Special 4"x 6" monitor speaker
23. Recording indicator pilot light
24. Storage space on either side of tape deck for tape, microphones and other equipment

Also available: Two James B. Lansing Signature (Model D123) 12" extended range speakers . . . acoustically matched in individual enclosures that can be separated 6 to 40 feet to obtain optimum stereophonic reproduction in any surroundings

**STERECORDER TECHNICAL SPECIFICATIONS**

- Power requirements** — 140 watts, 110-117 volts A.C. 60 cycles (50 cycle optional)
- Tape Speeds** — Instantaneous selection— 7½ ips or 3¾ ips.
- Frequency Response (per channel)** — 30-16000 cps at 7½ ips. ± 2 db 50-10000 cps at 7½ ips ± 2 db 50-6000 cps at 3¾ ips
- Signal to Noise Ratio (per channel)** — 50 db or more across line output, (measured by proposed NARTB standards) 45 db at maximum level across speaker output.
- Flutter and Wow** — Less than 0.25% at 7½ ips. Less than 0.35% at 3¾ ips.
- Harmonic Distortion** — Less than 2% at 3 db below rated output
- Erase Heads** — Two channel in-line (stacked) Channel 1 (upper track) Channel 2 (lower track)
- Record/Playback Heads** — Two channel in-line stacked Channel 1 (upper track) Channel 2 (lower track)
- Bias Frequency** — 60 kc
- Level Indication** — V. U. Meters (calibrated to zero V. U. at 10 db below maximum saturation)
- Volume Controls** — Individual control for each channel, plus main control in P. B. position operative in P. B. only.
- Tone Controls** — Individual control for each channel provides 10 db cut to 13 db boost @ 10,000 cps.
- Editing Facilities** — Instantaneous stop lever, automatic tape lifter, fast forward and rewind, manual cueing.
- Mode Selection** — Instantaneous switching from stereophonic to monaural recording or playback.
- Input Impedances (per channel)** — 500k ohms on microphone input, 10k ohms on radio input.
- Output Impedances (per channel)** — 4, 8, 16 ohms on speaker output 100k ohms on line output
- Output Level** — 8 watts combined rated output
- Tube Complement** — 2-6AU6, 2-12AU7, 3-6AQ5, 1-5Y3
- Weight** — 48 pounds mounted in portable case

the new



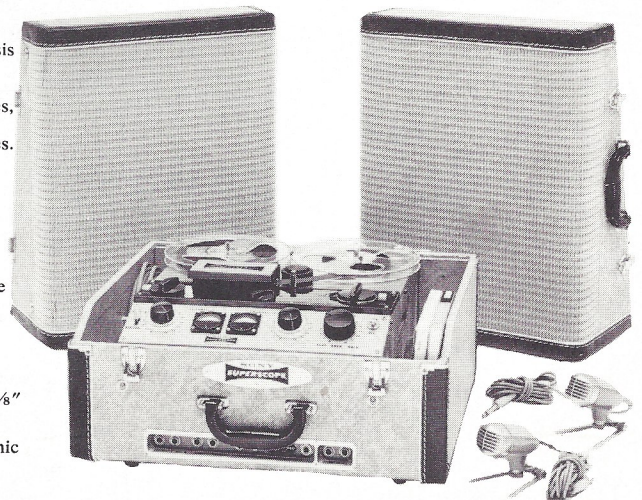
. . . a complete stereophonic sound system for home, studio, or office



\$549.00—(Model 555) the self-contained stereophonic recorder and playback unit . . . includes 2 completely matched pre-amplification channels, 2 completely matched power amplification channels, hysteresis synchronous drive motor, 2 matched high impedance, Sony F-38 dynamic microphones, a 4" x 6" monitor speaker, and many other professional features. Mounted in distinctive leather and vinyl portable case. Measures 19" by 15¾" by 9¾"

\$189.00—(Model PSC212) 2 acoustically matched James B. Lansing Signature 12" speakers (D123) in separate enclosures. Or \$70.00 for Model PSC100 . . . enclosures without speakers. Speaker enclosures combine to form matching portable case. Measures 19¼" by 15¼" by 11¼"

\$699.00—(Model CSS555) complete Superscope stereophonic sound system consisting of STERECORDER (Model 555) and Model PSC212 speakers in enclosures.



Audio Electronics Division / Hollywood, California