

THE PRO LINE
ROBERTS

MODEL 333X
UNIQUE "TRIPLE THREAT"
REEL / CARTRIDGE / CASSETTE
STEREO TAPE RECORDER



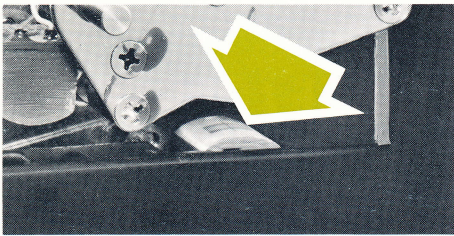
The exciting, new, three-in-one Model 333X, a triumph of the newest state-of-the-art concepts, offers more features than any other tape recorder on the market today. A virtual complete home stereo sound center, the 333X combines REEL with CARTRIDGE and CASSETTE recording and playback. The famous Roberts Cross Field Head provides maximum fidelity for true concert hall reproduction. Its incredible One-Micron Head makes possible superb frequency response from cartridges and cassettes which have been recorded from the 333X reel. Transfer from REEL-TO-CARTRIDGE, REEL-TO-CASSETTE or from any auxiliary source gives you the opportunity to build your own library of cartridges and cassettes for your listening pleasure at home or in your car—at a great savings!

A host of other professional features make this truly amazing all-in-one unit the recorder of the '70's.

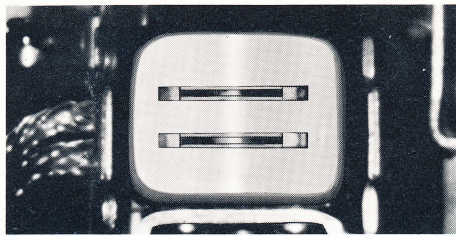
Includes Accessory Pack with 2 dynamic microphones, 7" reel, cassette demonstration tape, 15 IPS adapter kit, spare fuse, silicon oil kit, and head cleaner pen.

"Triple Threat" Model 333X complete **\$559⁹⁵**

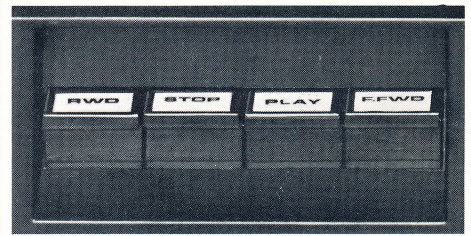
ROBERTS "TRIPLE THREAT" 333X RECORDER FEATURES



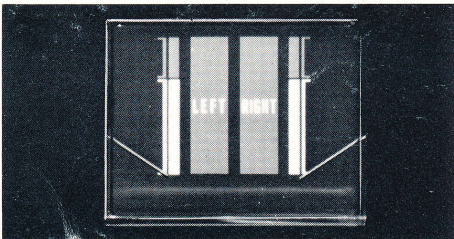
CROSS FIELD SYSTEM (Reel Section) . . . Records an extra octave in the high frequency spectrum, capturing those frequencies that conventional tape recorders automatically erase.



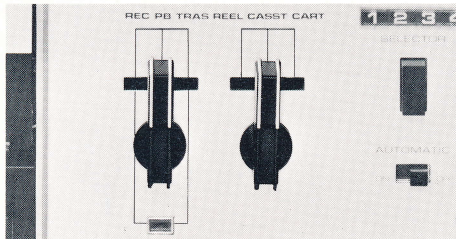
ONE-MICRON RECORD/PLAY HEAD (Cartridge and Cassette Sections) . . . 1/25,000th of an inch gap makes possible superb frequency response . . . 30 to 18,000 Hz from Cartridge and 30 to 16,000 Hz from Cassette.



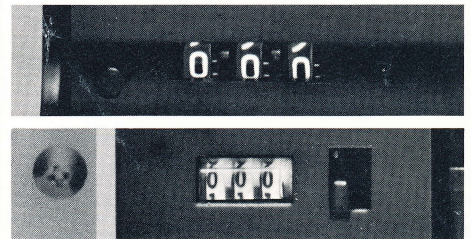
PANEL PUSH-BUTTON CONTROLS (Cassette Section) . . . Convenient selection of Rewind, Stop, Play and Fast Forward functions.



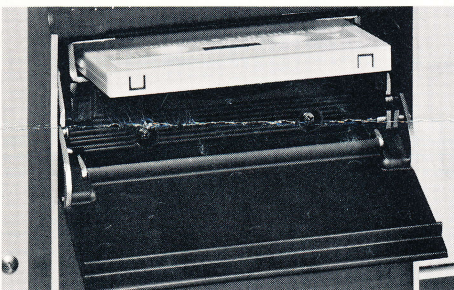
DUAL VU METERS . . . allow for setting of precise record levels on each channel for Reel, Cartridge or Cassette.



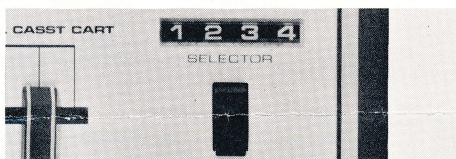
SLIM-LINE FUNCTION SWITCHES . . . for selection of Record/Playback/Transfer and Reel/Cassette/Cartridge modes.



SEPARATE DIGITAL INDEX COUNTERS . . . for Reel-to-Reel and Cassette operation.



SLOT-LOADED CASSETTE . . . Ejects when compartment door is opened.



CARTRIDGE PROGRAM SELECTOR . . . There are four program choices for stereo recording and playback. When the tape comes to an end, the next channel is automatically set in position for either mode of operation. Any desired channel may be easily selected by manually pushing Cartridge Program Selector Button. **INDICATOR LAMP** . . . immediately identifies channel being played or recorded.

OTHER OUTSTANDING FEATURES

Reel-to-Reel

- 4 speeds: 1 7/8, 3 3/4, 7 1/2 (and 15 ips with included adapter)
- Automatic Shutoff
- Tape Speed Equalizer
- Pause Control
- Tape Lifter
- Built-in Reel Retainer

Cartridge

- Automatic Stop
- Program Selector with optional Remote Control

Cassette

- Automatic Stop

SPECIFICATIONS

Tape Speed

REEL: 1 7/8, 3 3/4, 7 1/2 ips (15 ips w/adaptor kit)
 CARTRIDGE: 3 3/4 ips
 CASSETTE: 1 7/8 ips

Wow/Flutter

REEL: Less than 0.09% RMS at 7 1/2 ips
 Less than 0.14% RMS at 3 3/4 ips
 Less than 0.20% RMS at 1 7/8 ips
 CARTRIDGE: Less than 0.20% RMS
 CASSETTE: Less than 0.22% RMS

Frequency Response

REEL: 30 to 23,000 Hz (± 3 db) at 7 1/2 ips
 30 to 18,000 Hz (± 3 db) at 3 3/4 ips
 30 to 9,000 Hz (± 3 db) at 1 7/8 ips
 CARTRIDGE: 30 to 18,000 Hz (± 3 db)
 CASSETTE: 30 to 16,000 Hz (± 3 db)

Signal to Noise Ratio

REEL: Better than 50 db
 CARTRIDGE: Better than 45 db
 CASSETTE: Better than 45 db

Input Level MIC: More than 0.15 mV
 LINE: More than 25 mV

Power Output 12 watts max. each channel at std (music) power (total 24 watts)
 Equalization Correct equalization for playback of tapes recorded to the NAB curve

Recording Bias Frequency 81K Hz

Recording Level Indicator Slide type VU meters

Recording System

REEL: 4-track stereo/monaural CROSSFIELD bias system
 CARTRIDGE: 8-track Stereo system
 CASSETTE: 4-track Stereo system

Fast Forward & Rewind Time

REEL: 150 seconds using a 1200 ft. tape at 50 Hz
 120 seconds at 60 Hz
 CASSETTE: Within 80 seconds

Recording Capacity

REEL: 8 hrs. monaural recording at 1 7/8 ips using a 1200 ft. tape
 4 hrs. stereo recording at 1 7/8 ips
 CARTRIDGE: 1 hr. stereo recording (300 ft. tape)
 CASSETTE: 2 hrs. stereo recording using a C-120 cassette tape

Maximum Reel Size 7" reel

Motor 2-speed condenser

Speakers 2 four-inch built-in speakers

Power Supply A/C 100 to 240V; 50/60 Hz

Power Consumption 60 watts

Dimensions 10.6" x 13.8" x 18.3"

Weight 49.4 lbs.

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