

Magne recorder



First choice of Engineers

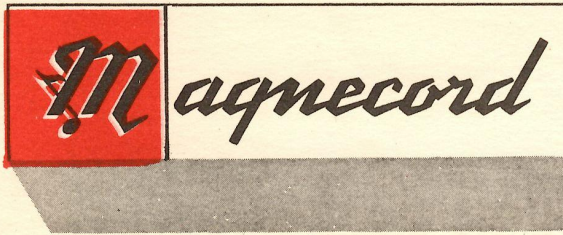
**AMERICA'S MOST WIDELY
USED PROFESSIONAL TAPE
RECORDING EQUIPMENT.**

**SETS THE STANDARD FOR GREATER
FLEXIBILITY • FIDELITY • FEATURES.**

NOW MANUFACTURED IN AUSTRALIA UNDER LICENCE

BYER INDUSTRIES PROPRIETARY LIMITED

8 DORCAS ST., STH. MELBOURNE, VICTORIA, AUSTRALIA. TELEGRAPHIC: BYERIND. TEL.: MX 4238

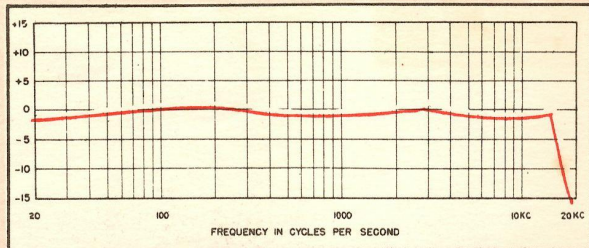


PROFESSIONAL HIGH FIDELITY REPRODUCTION

Meeting NAB standards, Magnecorders assure you of the finest in professional magnetic tape recording. Precision engineered, each provides maximum flexibility and dependability for a minimum investment.

The world's most widely used professional tape recorder, Magnecord is used by more engineers and broadcasters than all other professional recorders combined... Proof of Magnecorder superiority in the field! Their outstanding reputation has been earned only by strict adherence to fine quality at all times.

In addition to the broadcast industry, Magnecorders have become the most widely distributed professional recording equipment in many other fields. The automotive, aviation and other manufacturing markets use them as indispensable instruments for noise and vibration test analysis... as "sound" research to build a better product. Schools and universities recognize Magnecorder superiority in Audio-Visual training when critical high fidelity recording is required. Where ever recordings are made, Magnecord will record and reproduce them best! We ask you to compare Magnecord—the product... the performance... the price—with any recorder on the market and prove it to yourself!



MAGNECORDER SPECIFICATIONS

FREQUENCY RESPONSE :

- 15" tape speed — flat from 50-15000 cps, ± 2 db.
- 7½" tape speed — flat from 50-7000 cps, ± 2 db.
- 3½" tape speed — flat from 50-4000 cps, \pm db.

SIGNAL-TO NOISE RATIO :

Exceeds 50 db with less than 2% harmonic distortion.

PANEL FINISH AND CASES :

Gray hammerloid enamel. Cases of leatherette over wood.

MAXIMUM FLUTTER :

Less than 0.3% maximum (measured peak-to-peak).

TAPE SPEEDS :

15" and 7½" of tape per second. (PT6 and PT63 mechanisms also available with 2-speed motor for 3½", 7½" and 15").

POWER :

230 volt, 50 cycle, single phase A.C. (40 cycle, etc., on special order).

EXCLUSIVE UNIT CONSTRUCTION PROVIDES GREATER FLEXIBILITY AT LOWER COST!

You need purchase only the units you actually need. Recorder mechanisms and amplifiers are separate for easy handling and combining for any purpose. You can always add to your Magnecorder too, with additional equipment or accessories.

Always up-to-date, Magnecorders stay in step with new developments by the addition of Magnecord modification kits. As Magnecord presents new features, conversion kits are offered to modify your own equipment—easily and economically.



PORTABLE
You don't have to be a weight lifter to carry the compact, portable Magnecorder into the field for remote recordings. Lightweight and rugged, the amplifier is in one case, the recorder in the other... evenly distributes the weight. You can also rack mount them upon returning.



RACK
Any portable Magnecorder can be mounted in standard 19" racks and can be combined with others for elaborate continuous recording systems. Special rack-type amplifiers for semi-permanent mounting available, if preferred. All Magnecord amplifiers have zero level output!



CONSOLE
PT6 — Magnecorders for Console rack or portable. Handsome wood cabinets with Byerite tops for studio console operation. Plenty of storage space for tape reels and additional gear. New PT6 amplifiers with switch for equalization of 15" or 7½" per sec. tape speeds.

PT6 SERIES



Magnecorder

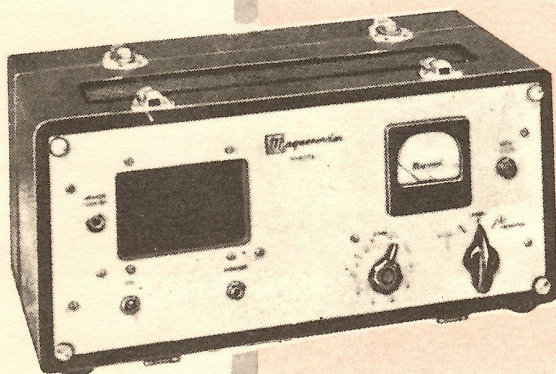
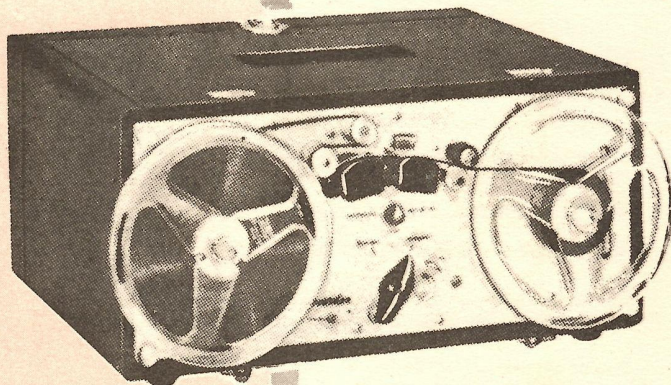
USED BY
MORE ENGINEERS
THAN ALL
OTHER
PROFESSIONAL
RECORDERS
COMBINED

PT6-A RECORDER MECHANISMS

Recognized as the greatest value in the professional field. The PT6-A has separate erase and record/reproduce head and includes $7\frac{1}{2}$ " and 15" tape speed capstans for either speed. Uses standard 7" reels and rewinds 1200 feet in 40 seconds. Size: 7" x 17" unit can be rack mounted with PT6-H adapter panel. Available with hi-speed forward for cueing-in and editing at a slight extra cost. With hi-speed, order PT6-AH or PT6-AHX (less case). Portable mechanism weighs less than 29 lbs. in wood constructed, black leatherette case.

For PT6-A, recorder less case, order model PT6-AX.

Also available with 2-speed motor for all 3 tape speeds ($3\frac{3}{4}$ "— $7\frac{1}{2}$ " or 15"/sec.) PT6-A recorder with dual-track heads also obtainable on special order.



ALL PURPOSE, SINGLE MICROPHONE INPUT AMPLIFIER . . . PT6-J

Combination record/reproduce amplifier has 10 watts of audio with terminals for external speaker. 1 low-impedance mike input, also bridging input. Output: zero level at 600 ohms, balanced, plus 10w of audio. Monitor speaker. Complete with tubes and interconnecting cables. Specify for 15" or $7\frac{1}{2}$ " equalizer. ($3\frac{3}{4}$ " tape speed equalizer extra.) Weight: 21 lbs. Panel: 7" x 17"—can be rack mounted with PT6-H adapter panel. Ideal for remote recording, schools or industrial use.

PT6-JX . . . same as PT6-J amplifier above, less case.

The logo features a stylized, bold letter 'M' inside a black square, followed by the word 'agnecord' in a cursive script font. The entire logo is set against a white background that is framed by a grey and red border.

SETS THE PACE

WITH NEW MAGNETIC RECORDING DEVELOPMENTS

**YOUR MAGNECORDER IS
ALWAYS UP-TO-DATE!**

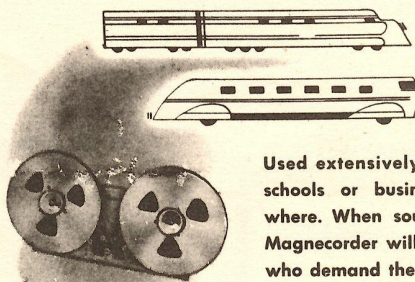
Special conversion or modification kits are available for your Magnecorder to fill every specific magnetic recording problem.

If your present Magnecorder is not so equipped, you can have Hi-speed forward for fast cueing-in, three heads to monitor the tape while recording or a special motor kit for all three speeds (3 $\frac{3}{4}$ "—7 $\frac{1}{2}$ "—15"). Dual-track, or bi-naural heads, are also available. You'll find Magnecord conversion kits inexpensive and easy to install.

MAGNETIC RECORDING IS OUR BUSINESS!

As specialists in the field, we devote our entire efforts toward making today's finest equipment even better tomorrow. Because of this, our engineering facilities are the finest available and fully capable of tailoring a job to your specific problem.

If the equipment on the preceding pages of this catalog do not fill your requirements, we will be glad to analyze the problem and offer a solution for your particular application. To date, many industrial, governmental and commercial requirements have been filled through special development ... Perhaps we can do the same for you.



See the new 4-hour playback unit for trains, buses, restaurants, etc. Another Magnecorder development. Model 4-14X for continuous programming.

Used extensively by Broadcasters, industrial laboratories, schools or businessmen, you'll find Magnecorders everywhere. When sound needs to be recorded and reproduced, Magnecorder will do it best. It's the first choice of engineers who demand the finest in professional tape recording.

FOR COMPLETE INFORMATION

SEE YOUR LEADING MAGNECORD DISTRIBUTOR

All specifications and items subject to change without notice.