

# AG-440B

## quiet in the studio

The new AG-440B is studio quiet. It's the same rugged reliable professional recorder as its predecessor, but with a new standard for quiet operation. Quiet enough for use in the studio with live microphones.

**THE QUIET SYSTEM.** The AG-440B has redesigned electro-mechanical components and circuitry for acoustically quieter operation. All transport controls have been damped to eliminate 80% of mechanical noise. Editing "pops" have been eliminated through new logic circuitry. Automatic tape lifters are delayed to eliminate "shrieking" as tape is stopped.

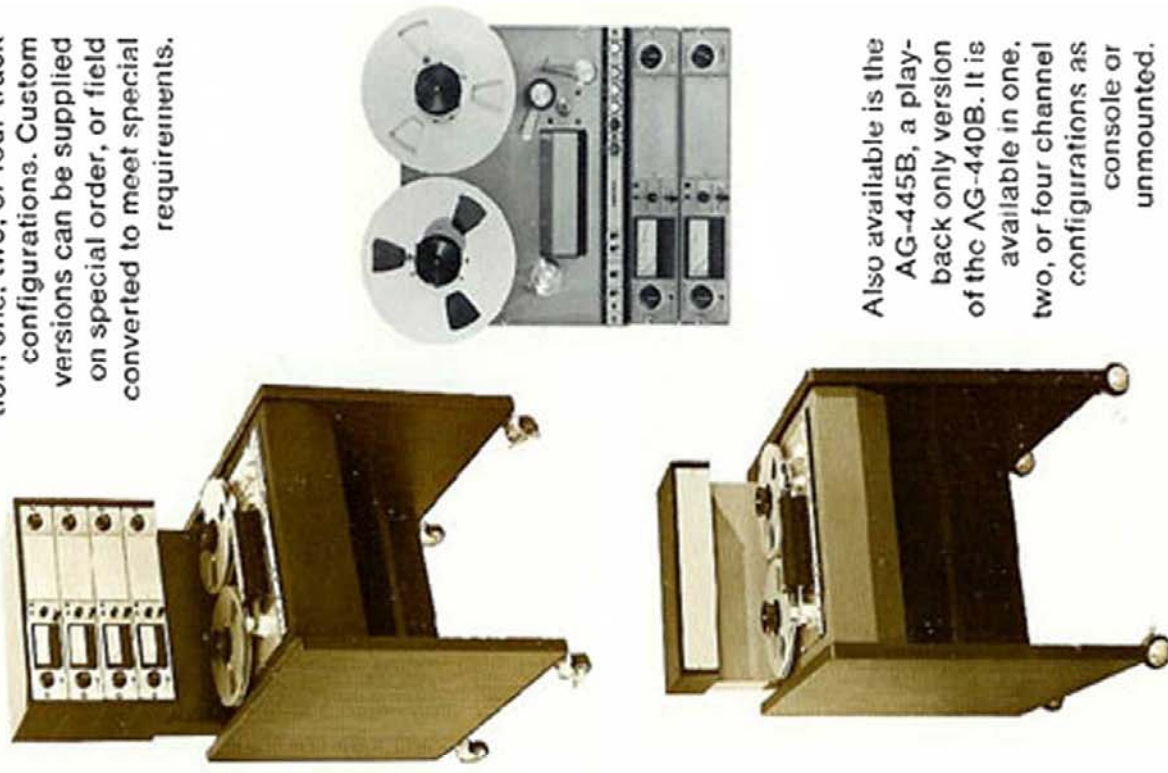
**STABILITY.** The AG-440B's rigid die-cast frame provides absolutely flat mounting of all mechanical components and assures tracking stability. With its three point mounting, no flexing or distortion will occur in any configuration, whether mobile or fixed.

**MAINTAINABILITY.** The AG-440B is designed for rapid, easy maintenance, and minimum downtime. Modular design, front of panel plug-in boards provide fast replacement or servicing. (Reserve boards permit the user to have full backup should split second maintenance be required.) Individual head stacks can be replaced with a single screw and plug-in connector. Transport motors, guides and major components can be quickly removed and replaced in exact alignment because of the precision milled transport casting. Consoles permit rotating transport for rapid accessibility.

**CONVERTIBILITY.** The AG-440B is converted between 1/4 and 1/2 inch tapes with ease. Tape transport guides rotate for either 1/4 or 1/2 inch tape. Four channel capability may be added to one or two channel AG-440B equipment by installing additional electronics, changing heads and head cables. The AG-440B console over-bridge modular mount accepts from 1 to 4 (or more) 3 1/2 inch electronics panels.

**RELIABILITY.** The precision-milled, die-cast top-plate provides exact alignment of components for trouble-free tape handling. The proven AG-440B electronic module is not only the quietest in the industry, but also the most trouble-free.

**FLEXIBILITY.** The AG-440B is available in console, portable, or unmounted for rack installation; one, two, or four track configurations. Custom versions can be supplied on special order, or field converted to meet special requirements.



Also available is the AG-445B, a play-back only version of the AG-440B. It is available in one, two, or four channel configurations as console or unmounted.

**INVESTMENT PROTECTION.** The Ampex AG-440B allows you to expand when necessary. You can keep pace with changing requirements, by using the building block increments of Ampex's new quiet generation in professional audio recorders.

**FINANCING.** Ampex offers special lease or installment purchase plans on all AG-440B equipment. See your distributor, or contact one of the Ampex District Offices listed on the back of this brochure.



# only Ampex offers a complete professional audio line...

from portable "mini-studios" to the world's most sophisticated multi-channel master recorder.

## MM-1000 Series Master Recorder/Reproducer

The new MM-1000 series of multi-channel professional audio tape recorders is designed to meet the demands of creative engineering and performing talent for operational features, performance, reliability, flexibility and versatility. Available in two standard configurations; 8/16/24 channel (expandable), and 24 channel (single console). The basic 8 channel recorder/reproducer can be readily expanded to 16 or 24 channels without obsolescing any of the original components. Designed for videotape recording and field proven by more than 3000 units in service, the transport properly handles both two and one inch tape. Modular electronics, similar to the proven AG-440 system, assure trouble-free operation and easy maintenance.

## AG-440-8 Master Recorder/Reproducer

The highly reliable AG-440 is available in 8 track

configuration using one inch tape. This fine instrument features all the reliability and maintenance ease of the standard AG-440. The ribbed die-cast top plate provides rigidity essential to permanent tracking alignment. The new AG-440-8 has all the operating features of the 1 to 4 track units, plus high torque reeling motors and instrumentation type locking hold-down knobs for NAB 10½" reels.

## "Mini-Studio" Systems

AG-500 and AG-600 professional recorder/reproducer in combination with Ampex system — matched accessories become compact, portable field studios. Systems are assembled using one or more recorders, AA-620 amplifier/speakers, AM-10 stereo/mono mixer, with microphones and accessories as needed.

## Standard Test and Alignment Tape

A line of standard reproducer alignment test tapes and flutter test tapes is available for NAR, CCIR, IEC, RIAA, EIA and DIN standards. Each is an original recording, not a dub. Complete information included in booklet entitled "Test Tape Applications."

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