

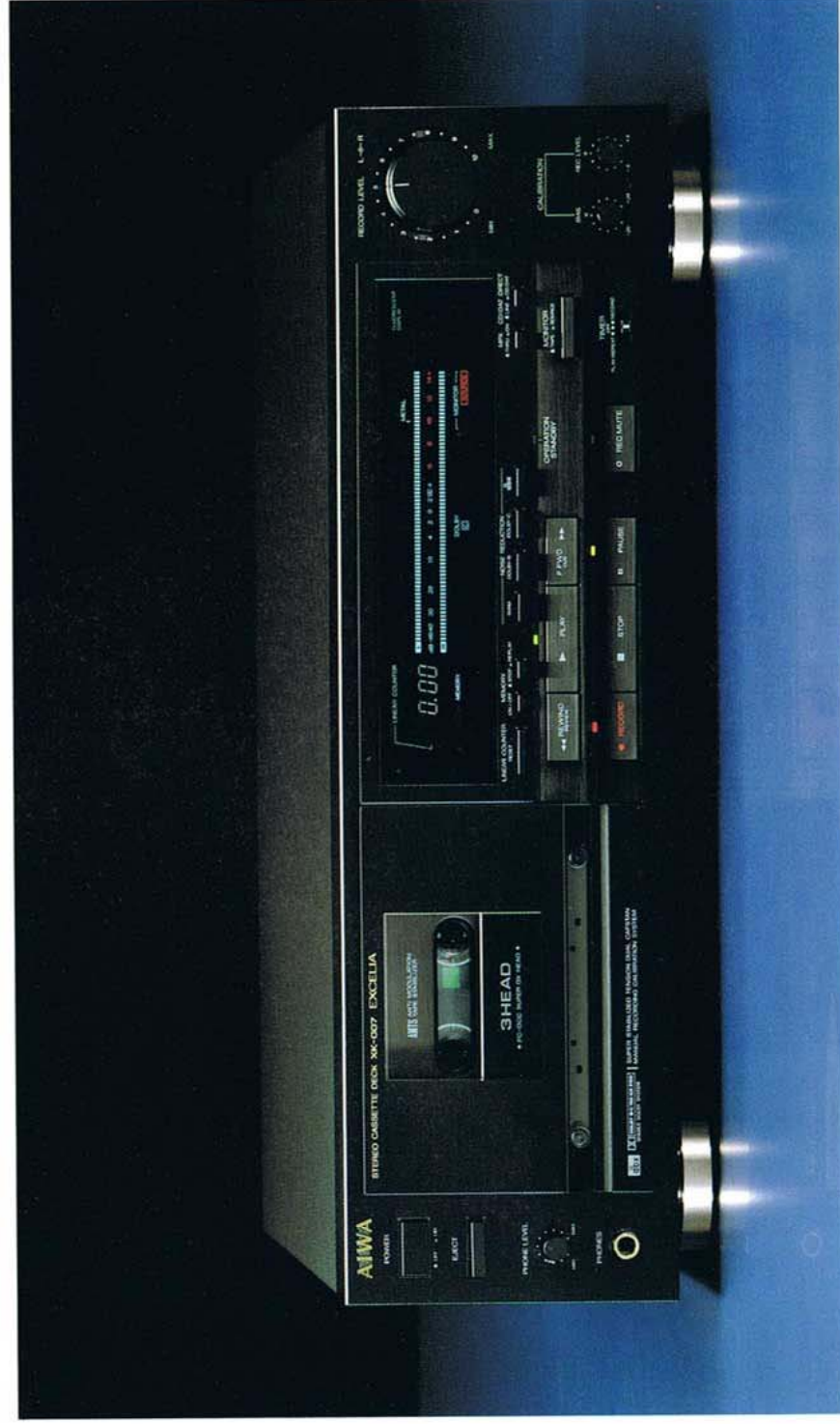
XK-007 EXCELIA

AMTS ANTI-MODULATION
TAPE STABILIZER



EXCELIA XK-007

Advanced Technology for Superb Fidelity



Most of the quality features of the XK-009 are also found on the XK-007 for a correspondingly high level of performance. The heart of the XK-007 is a three-head design using super DX recording and playback heads. The cores are wound with ultra high conductivity PC-OCC copper wire that surpasses the performance of conventional OFC formulations for an improvement in music fidelity. The AIWA exclusive Bias Shield Head Block shields the playback head from recording flux during recording to enable more accurate monitoring from the playback head.

The advanced drive mechanism is of a dual capstan configuration to achieve a "closed loop" effect for better tape-to-tape contact and improved tape drive stability. The capstans feature AIWA's exclusive micro-grain finish which results in greater adhesion between tape and pinchroller for reduced tape drive aberrations and the IM distortion they cause.

Also featured is AIWA's original AMTS (anti-modulation tape stabilizer), which makes use of special resonance-damping rubber to apply approximately 1kg of force on the cassette shell to damp out resonance for clearer sound reproduction. Dolby HX Professional operates during recording to ensure extended high frequency response with any type tape, regardless of the playback equipment. Also offered is dbx, which achieves an astonishing 120dB of dynamic range for recordings that capture the wide dynamics of digital sound sources. Dolby B and C noise reduction systems are also included for optimum versatility.

The XK-007 also enables manual adjustment of bias and recording sensitivity to achieve flatter frequency response and optimum performance with any number of quality tape formulations available on the market. Proper adjustment of bias enables an improvement in high frequency response, regardless of the tape type used, while correct recording sensitivity adjustment is particularly important in order to obtain the maximum benefits of recording with a noise reduction system. Advanced features combine with quality construction in the XK-007 to ensure higher fidelity and greater sound satisfaction.