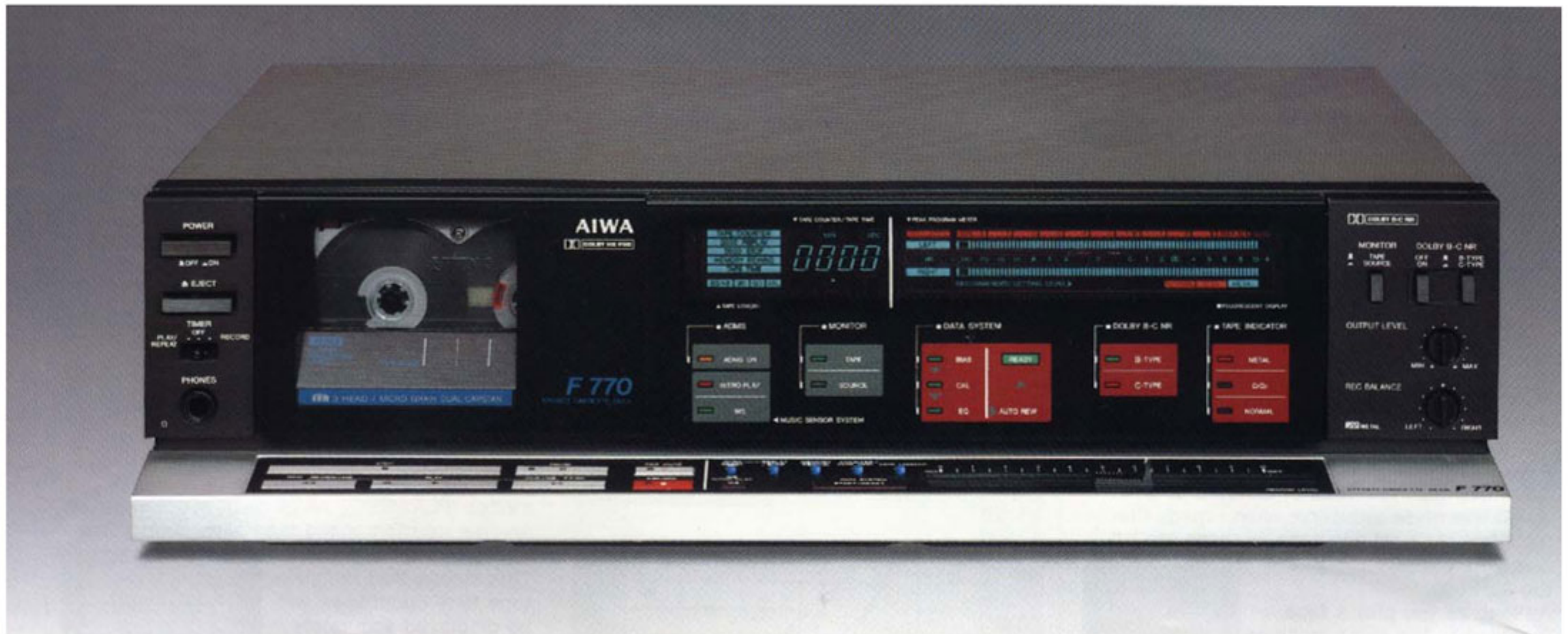


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Top three-head performance, with an unmatched array of sophisticated features

AD-F770

Offering most of the features incorporated in the AD-F990, this sophisticated 3-head deck's Dolby HX Professional and DATA circuitry ensure sound reproduction that outrivals any other model in its class. From the all-new flat "keyboard" control panel to the unique All-mode remaining tape time display, the AD-F770 is the kind of machine you can depend on for the best in cassette performance.

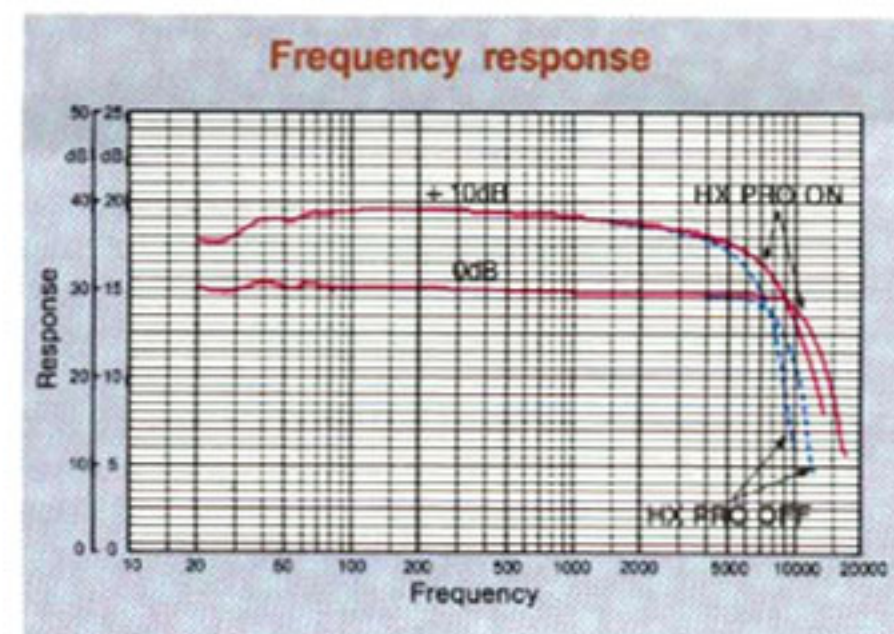
DATA (Digital Automatic Tape Adaptation)
Is your deck prevented from delivering its best performance with the tape you want to use? The fact is that only a deck like the AD-F770 can ensure ideal matching with every tape brand and formulation. DATA, AIWA's sophisticated built-in microcomputer system, "tests" each tape prior to recording and automatically

adjusts bias, equalization and sensitivity to ideal levels—in only 16 seconds! Perfect tape compatibility is your assurance of perfect recordings—on any tape.



Dolby HX Professional

Designed to raise cassette deck performance to the demanding levels required for digital audio sources, this circuitry provides high frequency signals with the ideal bias levels by servo control which automatically functions in response to self-bias and mutual bias levels. And absolutely no decoding is needed for playback, so you can enjoy these tapes anywhere!



DX Combination Head

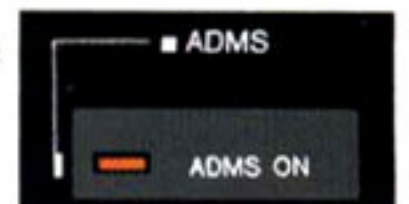
Designed for extra protection from uneven wear, the DX head employs a special laminated configuration of ultra-hard permalloy chips and epoxy resin. High flux density and superb signal linearity compliment the low-noise construction.



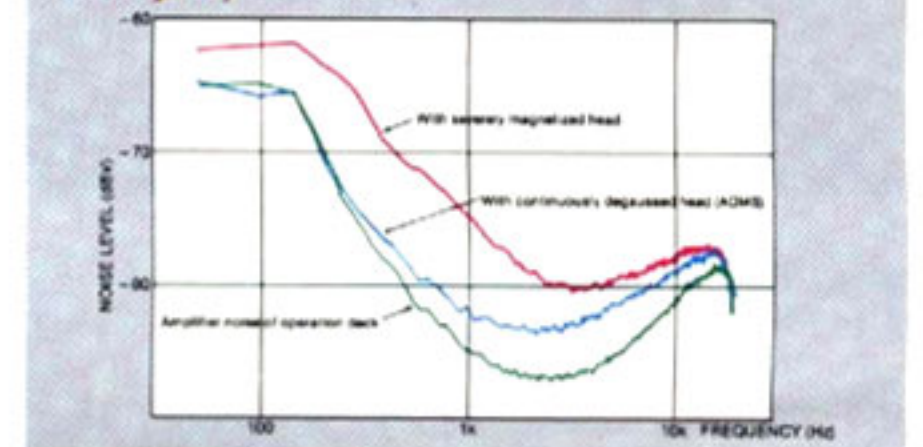
ADMS

An essential part of head maintenance, degaussing used to be an awkward and time-consuming chore until AIWA introduced its

original Auto De-magnetizing System (ADMS). This built-in oscillator circuitry functions in a matter of seconds to remove residual magnetic buildup from the heads each time the unit's power is turned on.



Effect of ADMS operation (Playback noise analysis)



Micro-grain Dual Capstan System

As a cassette plays from start to end, tape is constantly subjected to changes in winding torque due to increasing load on the take-up reel, and this can have a detrimental effect on the quality of playback signals. AIWA's exclusive Micro-grain dual capstans provide more positive cohesion between tape, capstan and pinch roller, thus minimizing modulation noise and resulting in exceptionally low levels of wow & flutter—an inaudible 0.025% (WRMS).

Plus:

- Fluorescent multi-function display with peak hold
- All-mode tape remaining time display
- Dolby B/C noise reduction
- Intro-play track preview
- Memory rewind and repeat system
- Auto Rec-mute
- Auto tape selector
- 1-program music sensor
- Timer standby recording/playback
- Switchable MPX filter
- Remote control connection jack
- Stereo microphone inputs

