

Sony technology in the service of music reproduction is legendary. Each feature of the TC-FX6C is there for one reason: to give the listener easy access to great performance.

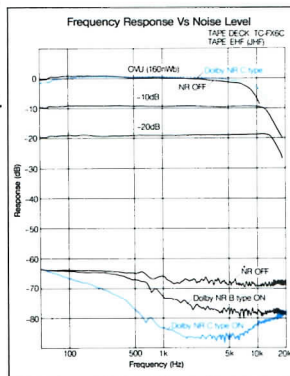
Dolby C: The latest in noise reduction

In the early 1970's the cassette format was transformed into a high-fidelity recording medium, largely because of a new system to reduce noise: B-type Dolby noise reduction, or "Dolby B" for short. Now, with advances in disc and recording technology such as digital and direct-to-disc mastering, the dynamic range of today's music sources is greater than ever. Additional improvements in cassette deck performance have become necessary. In response to these demands comes a new noise reduction system, the latest product of Dolby Laboratories. It is called Dolby C.

The immediate and most obvious effect of Dolby C is a startling reduction in noise. Not only will it make your recordings quieter in the middle frequencies, but an astonishing 20dB quieter at frequencies higher than 2kHz, where inherent tape hiss is at its most disturbing. Sound is impeccably clean. Music is heard against a background of silence.

But Dolby C does even more. It reduces noise in a significantly expanded frequency range. It incorporates anti-saturation circuitry to dramatically improve high-frequency dynamic range — by 4dB at 10kHz. As a result, setting of the record levels is less critical. Finally, the dynamic action of Dolby C has been adjusted to dramatically reduce the unwanted side-effects of "pumping" or "breathing."

In this way, Dolby C is a balanced noise reduction system especially tailored to the cassette format. Its unique combination of increased noise reduction, wider dynamic range and its lack of unwanted side effects convinced Sony engineers to select Dolby C for the TC-FX6C.



The graphs demonstrate the performance of Dolby C Noise Reduction. Note that Dolby C provides 12dB noise reduction at 500Hz and 20dB at 2kHz and above.

Sony's Sendust and Ferrite (S&F) head brings you maximum performance from every tape, including metal particle tape

The finest tape formulation available today is metal particle tape. Metal demands extremely high recording flux density. Because sendust is capable of the highest flux density of any head material, Sony engineers have selected the Sendust and Ferrite (S&F) head for

the TC-FX6C. The head combines sendust with the outstanding properties of ferrite to get the best performance from metal tape, and from all other tape formulations as well.

A new Digital Linear Counter indicates elapsed time on tape



Unlike conventional tape counters, the TC-FX6C's Digital Linear Counter measures the actual time elapsed on the tape and reveals it in a fluorescent display. Now, you no longer need to guess how much time remains on the tape. Nor will you be surprised by running out of tape in the middle of a selection. The Digital Linear Counter is also an indispensable aid in programming and indexing your cassette collection. And the Counter makes it easier than ever to locate selections during playback.

Because the Digital Linear Counter is controlled by a sophisticated micro-processor, the tape time indication remains accurate even when you place the deck into fast-forward or rewind.



Sliding record level controls run parallel to the LED meters, making it simple to set proper record levels.

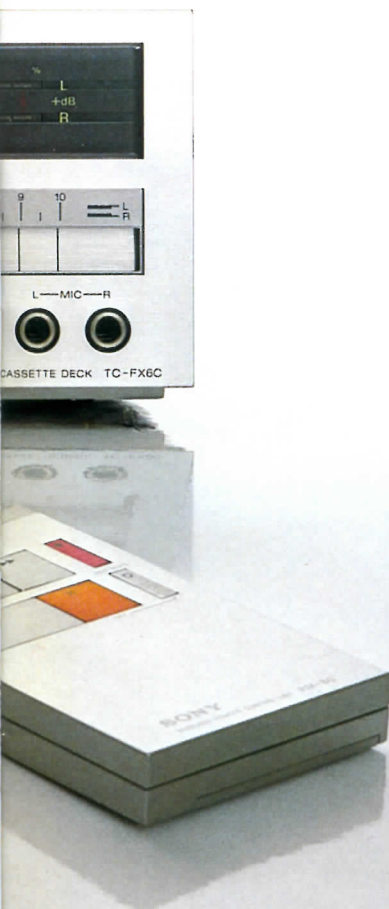
Enhanced convenience with the Automatic Music Sensor (AMS)

The Sony TC-FX6C incorporates an array of features that make it easier than ever before to find, play, and replay the music you want to hear. For example, Sony's AMS allows you to skip forward or backward to find the selection of your choice. You can even pre-set the deck to go from fast winding directly into play at the start of your selection.

Memory Cue and Memory Play cause the deck to rewind to ".00" on the Digital Linear Counter, and automatically stop or play. Auto Play enables you to transfer automatically from rewind into play at the beginning of a tape. And the versatile Repeat function enables you to replay a portion of the tape up to nine times!

Remote capability

TC-FX6C may be used with either the optional RM-50 remote control or the optional wireless remote (RM-80). It may also be used with the optional RM-65 for synchronized operation with selected Sony turntables.



TC-FX6C