SONY

Three-head cassette deck with Dolby C noise reduction

TC-K555



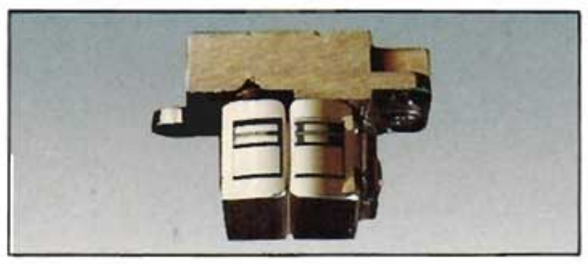
Advanced Information

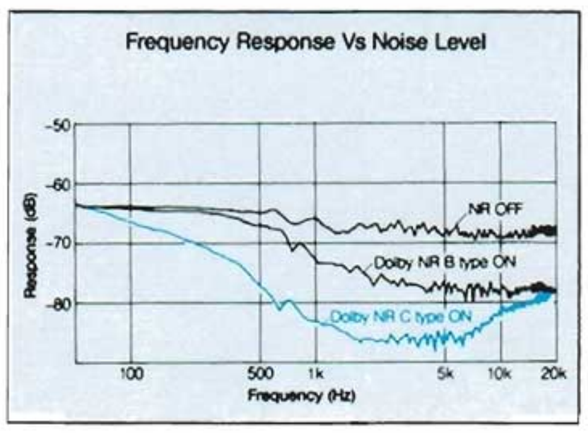
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The Professional Touch: Three Heads and Dolby C Noise Reduction

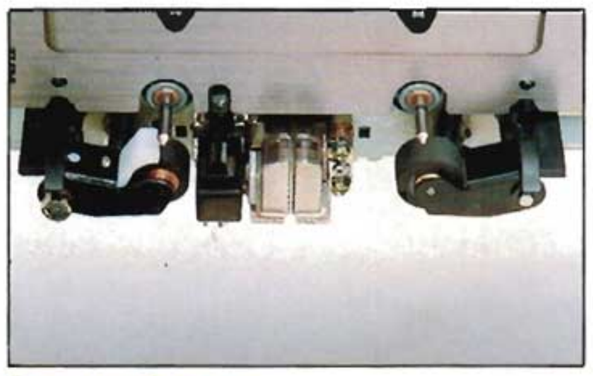
The TC-K555 is specifically designed for audiophiles who insist upon recordings that are as professional as those made in a studio. The demands of today's wide-range program material are met by three independent heads that let you monitor the actual quality of the tape as it is being recorded, as well as by Dolby C noise reduction. And the closed-loop dual-capstan tape drive helps make the TC-K555 a professional instrument in every way.

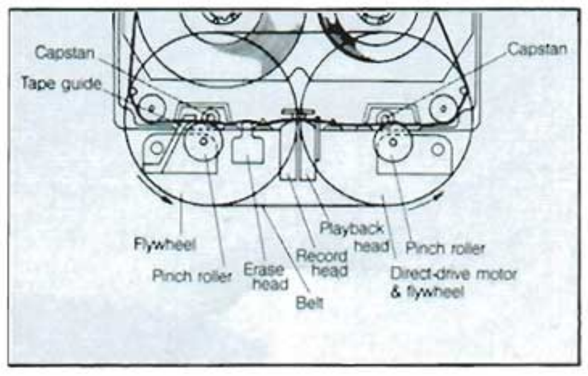
Outstanding Features





- Sony's exclusive Independent Suspension three-head design for superior performance and off-the-tape monitoring while recording
- Dolby C effectively doubles noise reduction and extends the frequencies at which noise is reduced; full record/playback circuitry for simultaneous monitoring in every noise reduction mode
- Closed-loop dual-capstan system for superior control of tape tension and reduced modulation noise





Convenience

- Linear Counter of playing time for the most precise index of tape location available; count remains accurate even in fast-forward and rewind
- Concentrated Display includes program meters, Linear Counter and maximum recording level indications in one convenient, easy-to-read arrangement
- 16-segment Peak-Program meters retain highest-peak indication, making it easy to avoid tape saturation
- Auto Play offers automatic transfer from rewind into play
- Memory Counter brings tape to stop and play at any pre-selected spot
- Auto Space/Rec Mute for an interval of silence between selections
- Optional remote controls permit operation from your easy chair
- Synchronized operation possible with selected Sony turntables, using the optional RM-65
- Unattended recording or timed wake-up possible with an accessory timer

Technology

- Sendust and Ferrite (S & F) record and playback heads for long life and metal tape capability
- Sony's exclusive Independent Suspension three-head design for better tape contact, reduced flux leakage and extended high-frequency response
- Linear-torque BSL (brushless, slotless) capstan motor eliminates "cogging" and assures smooth travel
- Two-motor tape drive with frequency servo control for accuracy and reliability
- Dolby B is included to play tapes previously recorded in this mode
- Variable bias for Type I tape (the type with greatest variation among brands)
- Dynamically-balanced, anti-resonant flywheel to minimize modulation noise
- DC amplifier for accurate reproduction of signal being recorded
- Direct-coupled playback head amp for improved sound quality
- FET buffer power supply for excellent voltage stability
- Four-gap erase head for thorough erasure, even with metal tape

Specifications

Wow and flutter:	0.04% WRMS	
Frequency response (Dolby NR off, ±3dB, re: −20dB):	Type IV (Metallic)	25—18,000Hz
	Type III (FeCr)	25—18,000Hz
	Type II (UCX-S)	25—17,000Hz
	Type I (SHF)	25—16,000Hz
Signal-to-noise ratio (Dolby NR off, re:. 3% THD, peak wtd):	Type IV (Metallic)	60dB
	Type II (UCX-S)	58dB
Total harmonic distortion (1kHz, re: 0dB record level):	Type IV (Metallic)	0.8%
	Type III (FeCr)	0.8%
Power requirements:	AC 120V, 60Hz	
Power consumption:	26W (max.)	
Dimensions:	Approx. 430(W) × 105(H) × 285(D)mm (17 × 4¼ × 11¼")	
Weight:	Approx. 6.1kg (13lb 8oz)	

**Design and specifications subject to change without notice.*
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