

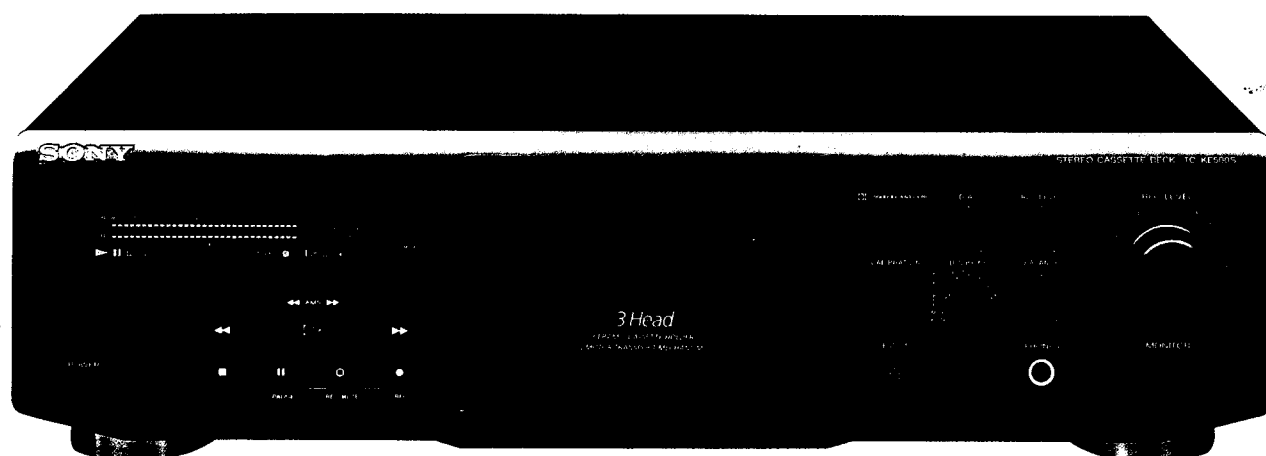
SONY

TC-KE500S

THREE-HEAD CASSETTE DECK

FEATURES AND
SPECIFICATIONS
SUBJECT TO CHANGE
WITHOUT NOTICE

- **THREE HEADS WITH TAPE MONITORING**
- **DOLBY® S-TYPE NOISE REDUCTION**
- **DOLBY B AND C NOISE REDUCTION, HX PRO® CIRCUITRY**
- **ULTRA-STABLE 2-MOTOR TAPE TRANSPORT**
- **160 KHZ SUPER BIAS™ CIRCUITRY**
- **SORBOTHANE® CASSETTE STABILIZER**
- **HIGH SPEED FAST FORWARD AND REWIND**



TC-KE500S

If you want to enjoy cassettes to the fullest. If music is important to you, then the Sony TC-KE500S is an excellent choice. Three separate heads—Erase, Record and Play—give your music the range and response it deserves. Refinements like 160 kHz Super Bias electronics and Dolby S-type noise reduction uphold high standards of sound quality. And with chassis advances like Mid Ship Drive and Sorbothane cassette stabilizer, even subtle, resonance-induced distortions are effectively suppressed.

FEATURES

- **THREE-HEAD DESIGN** with separate, individually optimized heads for Erase, Record and Play; promotes wide frequency response, extended dynamic range
- **RECORD MONITORING** lets you check the sound quality of your tape as you record
- **AUTOMATIC MONITOR SWITCH** with indicator assists you by automatically selecting "Tape" when you enter the Play mode
- **ULTRA-STABLE 2-MOTOR TRANSPORT** for superb smoothness, reduced wow & flutter
- **DOLBY S-TYPE NOISE REDUCTION** minimizes noise, distortion and high-frequency compression; lowers mid-frequency noise by 24 dB; is extremely compatible with car and portable cassette players equipped with Dolby B.NR
- **DOLBY B AND C NOISE REDUCTION**
- **DOLBY HX PRO** Headroom Extension varies bias level for crisper, more impactful highs
- **BIAS AND RECORD CALIBRATION** with built-in oscillator adjusts the recording parameters to match any specific tape
- **160 KHZ SUPER BIAS ELECTRONICS** reduces bias-induced beat frequencies, promotes extended high frequency response
- **FET PLAYBACK AMPLIFIER** for extremely linear response, extremely low distortion
- **MID-SHIP DRIVE** reduces chassis flexing; places the drive between the power supply and the audio circuits to reduce radiated noise
- **SORBOTHANE CASSETTE STABILIZER** reduces the spread of vibration through the cassette shell
- **CERAMIC CASSETTE HOLDER** resists resonance
- **HIGH-DENSITY PERMALLOY RECORD AND PLAYBACK HEADS** for high maximum flux density, wide dynamic range

- **SWITCHABLE MPX FILTER** blocks the 19 kHz multiplex pilot tone of FM stereo broadcasts for proper Dolby NR tracking when you record off the air
- **FULL LOGIC FEATHER-TOUCH TRANSPORT CONTROLS** respond to even slight finger contact; full logic lets you go directly between modes, for example, from Fast-Forward to Rewind, without first pressing Play
- **LINEAR TIME COUNTER** of minutes and seconds with Counter Memory
- **MULTIPLE AMS TRACK SEARCH** lets you automatically skip up to 9 tracks forward or back
- **16-SEGMENT FLUORESCENT PEAK LEVEL METERS** help you set record levels
- **RECORD LEVEL AND BALANCE** controls for easy level setting
- **AUTO PLAY** can automatically shift into Play after Rewind or Fast Forward
- **RECORD MUTE** helps put silent intervals between songs as you record
- **HIGH-SPEED FAST FORWARD AND REWIND** reduces waiting, enhances convenience
- **GOLD-PLATED HEADPHONE JACK** for private listening
- **REMOTE CAPABLE** with compatible remote-controlled Sony Receiver

SPECIFICATIONS

- FREQUENCY RESPONSE:** Type I: 30 - 17,000Hz, ± 3 dB
Type II: 30 - 18,000Hz, ± 3 dB
Type IV: 30 - 19,000Hz, ± 3 dB
- SIGNAL-TO-NOISE RATIO:** Type I, Dolby NR off: 57dB
Type II, Dolby NR off: 59dB
Type IV, Dolby NR off: 61dB
- WOW AND FLUTTER:** 0.055% WRMS
- HARMONIC DISTORTION:** Type I, 0.4% at 315Hz
Type IV, 1.5% at 315Hz
- INPUT SENSITIVITY AND IMPEDANCE:** 0.16V, 47kohms
- OUTPUT LEVEL AND IMPEDANCE:** Line: 0.5V, 47kohms
Headphone: 0.25mV, 32 ohms
- POWER CONSUMPTION:** 23W
- DIMENSIONS (WHD):** 17 x 4 1/4 x 12 1/4 inches
- WEIGHT:** 9 lbs 4 oz

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SONY

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