

Sansui

CASSETTE DECKS D-590R/390R/290



rsatile and easy to use

D-390R

Full logic tape control

Fifteen-song AMPS

Mike mixing

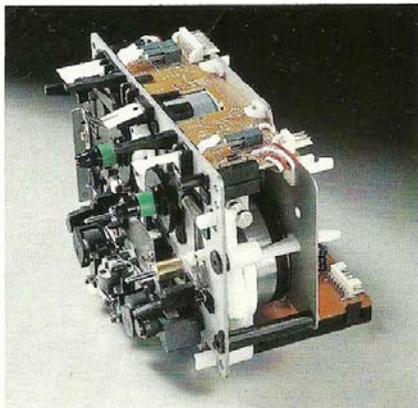
Dolby C/B noise reduction



An Auto-Reverse Deck Featuring Mike Mixing.

Auto-reverse convenience

Thanks to a convenient auto-reverse transport, you can record or play both sides of a tape without flipping it over. Three operation modes are available: (1) one-way play or record of either side, (2) two-way (side A to B) play or record, and (3) continuous playback. An infrared photocoupler detects the end of recording tape (the beginning of the leader) and initiates reverse action. Reverse action takes only 6/10ths of a second.



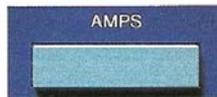
Full logic tape control

The high-performance full-logic transport mechanism of this model has been simplified — but not for economy reasons. A simpler transport means better precision and higher reliability. The transport of the D-390R is electronically controlled, making possible light-touch operation and a number of automatic conveniences.

AMPS for cueing convenience

To find the beginning of any song up to 15 away, we have given the D-390R our AMPS (Automatic Music Program Search) feature.

An LED indicator guides you during AMPS operation.

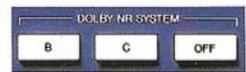


Mike mixing facility with volume control

An intriguing feature of the D-390R is mike mixing. It lets you create DJ-like introductions to songs and "write" sound letters to your family and friends. Mike sound may be mixed with any source signal. Mike level is adjustable.

Dolby C/B noise reduction systems

Even during the softest musical passage, nary a hint of tape hiss will intrude into your music — Dolby C slashes it by up to 20dB. Dolby B NR is provided to give you full compatibility with any existing tapes you may have.



Slider recording level controls

The D-390R is equipped with long-throw recording level controls, one for each channel, that let you create smooth, professional fade-ins and fade-outs during recording.

Precision LED meters

A pair of high-speed LED meters electronically display input levels for you. LEDs above 0dB are red to alert you to possible overload.

• **Timer switch** — lets you turn on the deck at preset times by means of an optional timer.

• **Headphone jack** — for monitor or private listening.

decks.



D-290

Full logic tape control

Dolby C/B noise reduction

Mike mixing

AMPS for cueing convenience

A Full-Logic Deck with Dolby C NR.

Full logic tape control

The electronically-controlled full logic transport of the D-290 provides light-touch operation. Since it has few moving parts, reliability and stable performance are guaranteed.

Dolby C/B noise reduction systems

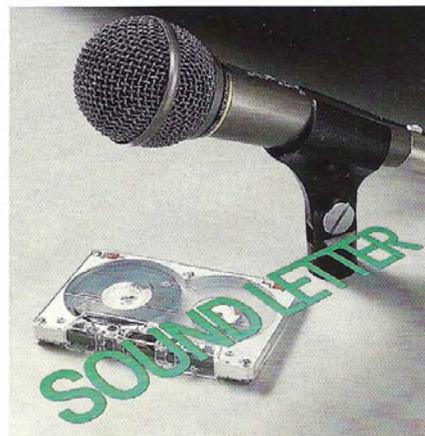
Even during breaks between songs, you'll hear no added hiss because Dolby C NR cuts hiss by up to 20dB. All music is reproduced with clarity and realism. In addition, Dolby B NR is provided to make it compatible with any existing tapes you may own.



Mike mixing facility with volume control

Like the D-390R, the D-290 offers

mike mixing, a convenience that lets you add commentary to your tapes, be a DJ, or write "sound letters." The mike level is adjustable, and the sound source can be any signal you normally route through your amp — tuner, phono or AUX.



AMPS for cueing convenience

For convenience, you can go directly back to the beginning of the current song you are listening to, or ahead to the beginning of the next song — automatically.

Precision LED meters

To create recordings of just the right level, accurate metering is essential. The D-290 provides electronic, fast-response LED meters to help you avoid noise and distortion. To alert you to possible overload, LEDs above 0dB are red.

• **Timer switch** — lets you turn on the deck at preset times by means of an optional timer.

• **Headphone jack** — for monitor or private listening.

Specifications

	D-590R	D-390R	D-290
TRACK SYSTEM	4-Track (2-Channel) Record/Playback	4-Track (2-Channel) Record/Playback	4-Track (2-Channel) Record/Playback
TAPE SPEED	4.8cm/sec. (1-7/8 ips)	4.8cm/sec. (1-7/8 ips)	4.8cm/sec. (1-7/8 ips)
HEADS	REC/PB (High Bs Hard Permalloy)	REC/PB (High Bs Hard Permalloy)	REC/PB (High Bs Hard Permalloy)
MOTORS	ERASE (Double-Gap High-Bs Ferrite) Electronically Speed Controlled DC Motor (Capstan) DC Motor x 2 (Reels and Mechanism) within 0.04% (WRMS) Approximately 85 seconds (C-60)	ERASE (Double-Gap High-Bs Ferrite) Electronically Speed Controlled DC Motor (Capstan) DC Motor (Reels) within 0.05% (WRMS) Approximately 85 seconds (C-60)	ERASE (Double-Gap High-Bs Ferrite) Electronically Speed Controlled DC Motor (Capstan) DC Motor (Reels) within 0.05% (WRMS) Approximately 85 seconds (C-60)
WOW & FLUTTER			
FAST WIND TIME			
FREQUENCY RESPONSE (RECORD/PLAYBACK)	20-19,000Hz, 30-18,000Hz ±3dB	20-18,000Hz, 30-17,000Hz ±3dB	20-17,000Hz, 30-16,000Hz ±3dB
METAL TAPE (-20VU)	20-18,000Hz, 30-17,000Hz ±3dB	20-17,000Hz, 30-16,000Hz ±3dB	20-16,000Hz, 30-15,000Hz ±3dB
HIGH BIAS TAPE (-20VU)	20-17,000Hz, 30-16,000Hz ±3dB	20-15,000Hz, 30-14,000Hz ±3dB	20-15,000Hz, 30-14,000Hz ±3dB
NORMAL TAPE (-20VU)			
SIGNAL-TO-NOISE RATIO (RECORD/PLAYBACK)	better than 58dB (weighted, at 3% THD, 1kHz) improved by 10dB (above 5kHz, at 3% THD) improved by 20dB (above 1kHz, at 3% THD) less than 0.8% at 1kHz (Metal)	better than 58dB (weighted, at 3% THD, 1kHz) improved by 10dB (above 5kHz, at 3% THD) improved by 20dB (above 1kHz, at 3% THD) less than 0.9% at 1kHz (Metal)	better than 57dB (weighted, at 3% THD, 1kHz) improved by 10dB (above 5kHz, at 3% THD) improved by 20dB (above 1kHz, at 3% THD) less than 0.9% at 1kHz (Metal)
HARMONIC DISTORTION			
INPUT SENSITIVITY AND IMPEDANCE (OVU, 1kHz)	0.5mV, 200-5k ohms	0.5mV, 200-5k ohms	0.5mV, 200-5k ohms
MIC (LEFT, RIGHT)	70mV, 100k ohms	70mV, 100k ohms	70mV, 100k ohms
LINE (REC)			
OUTPUT LEVEL (OVU, 1kHz)	350mV/47k ohms	300mV/47k ohms	300mV/47k ohms
LINE			
PHONES	130mV/33 ohms	120mV/33 ohms	120mV/33 ohms
POWER REQUIREMENTS			
VOLTAGE	120, 220, 240V 50/60Hz	120, 220, 240V 50/60Hz	120, 220, 240V 50/60Hz
CONSUMPTION	20 watts (Rated)	16 watts (Rated)	14 watts (Rated)
DIMENSIONS	430mm (16-15/16")W 111mm (4-3/8")H 312mm (12-5/16")D	430mm (16-15/16")W 111mm (4-3/8")H 226mm (8-15/16")D	430mm (16-15/16")W 111mm (4-3/8")H 234mm (9-1/4")D
WEIGHT	5.7kg (12.6 lbs.) Net 6.9kg (15.2 lbs.) Packed	3.9kg (8.6 lbs.) Net 4.9kg (10.8 lbs.) Packed	3.6kg (7.9 lbs.) Net 4.6kg (10.1 lbs.) Packed

• Design and specifications subject to change without notice for improvements.



AT-20B



AT-20s



DM-7 Unidirectional Dynamic Microphone

DM-5 Unidirectional Dynamic Microphone

DM-3 Unidirectional Dynamic Microphone

EM-5 Single-Point Stereo Electret Condenser Microphone

SS-L55 Isolation-Free Dynamic Stereo Headphones

SS-L33 Isolation-Free Dynamic Stereo Headphones

MS-7Ex Lightweight Dynamic Stereo Headphones

MS-33 Lightweight Dynamic Stereo Headphones



SS-L33



SS-L55



MS-7Ex



MS-33



GX-255
Audio Cabinet



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SANSUI ELECTRONICS CORPORATION 1250 VALLEY BROOK AVENUE, LYNDHURST, NEW JERSEY 07071, U.S.A./TELEX: NEW JERSEY 642620 SANSUI LYND

SANSUI ELECTRONICS (U.K.) LTD. UNIT 10A, LYON INDUSTRIAL ESTATE, ROCKWARE AVENUE, GREENFORD, MIDDX UB6, OAA, ENGLAND/TELEX: 895 2103 (SANSUI G)