



The 6000 Stereo Cassette Deck from AMSTRAD

The 6000 Stereo Cassette machine has been designed to provide all the necessary features to line up with your high fidelity set-up. From the large illuminated record level meters, to the slider controls that adjust not only record level but also playback level into your amplifier, this machine combines compact styling with excellent performance. It also has the facility for CHROMIUM DIOXIDE (Cr O₂) tape as well as normal ferrous types. The automatic stop mechanism that operates on reaching the end of the cassette not only stops the drive motor, but also retracts the drive mechanism clear of the tape ready for cassette removal.

SPECIAL FEATURES

- 1 Record key interlocked with play key to minimise accidental erasure.
- 2 Cassette safety tab sensor to prevent erasure of pre-recorded cassettes.
- 3 Electronically driven solenoid operated automatic stop mechanism that stops motor and retracts idler pulley and heads clear of tape.
- 4 3 digit manual reset tape position indicator.
- 5 Large illuminated angled meters for accurate record level adjustment.
- 6 Meters also operate as V.U. indicators on playback.
- 7 Independent left and right channel record level slider controls.
- 8 Slider controls operate on playback as variable output level controls, to facilitate matching to any stereo system.
- 9 Top mounted mains on/off switch.
- 10 Chromium Dioxide/Normal tape switch.
- 11 Switched noise reduction circuit.
- 12 Stereo headphone output jack socket.
- 13 Two separate inputs for stereo microphones.
- 14 Input/output sockets for recording from and playing back into a high fidelity amplifier (DIN or Phono).
- 15 Record warning light.
- 16 Chromium Dioxide circuit indicator light.
- 17 Noise reduction circuit indicator light.
- 18 Pause control key.

TECHNICAL SPECIFICATION

Transistors :	15
Diodes :	10
Tape Track System :	4 Track, 2 Channel Stereo and Monaural
Tape Speed :	$1\frac{7}{8}$ (4.75 cm/s)
Recording System :	AC Bias
Bias Frequency :	48 KHz
Erasing System :	AC Erasing System
Wow & Flutter :	0.17% (WRMS)
Output Voltage :	0–500 mV (Variable)
Power Source :	AC 240V 50/60 Hz
Total Distortion :	1.0%
Total S/N Ratio :	42 dB
Frequency Response :	40 Hz – 14 KHz (Chrome Tape) 40 Hz – 11 KHz (Normal Tape)
Input Jacks :	Microphone Jack – 2 Phono Input Level – 0.5 mV Low Impedance Line Input Jack – 2 Phono Input Level – 0.06 V Input Impedance – 330 K Ohm DIN Jack (input side) Input Impedance – 3.3 K Ohm
Output Jacks :	Line Output Jack – 2 Phono Standard Output Voltage – 250 mV (at 47 K Ohm loaded) Load Impedance – Greater than 47 K Ohm Stereo Headphone Jack – 1 Load Impedance – 8 Ohm DIN Jack (output side) Output Impedance – 47 K Ohm
Dimensions :	(W)314x(H)111x(D)231 m/m
Weight :	Approx. 3.6 kg (Unit only)

ANCILLARY EQUIPMENT

This cassette recorder is compatible with virtually all types of High Fidelity amplifier. The Amstrad IC 2000 Mk II amplifier or the Amstrad 5000 tuner-amplifier are particularly recommended for use with this recorder, although very good results can be obtained with the Amstrad 8000 Mk III or the Integra 4000 amplifiers. Stereo headphones of nominal 8 ohm impedance should be used with this recorder; any of the Amstrad range of headphones are recommended in this application.

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