

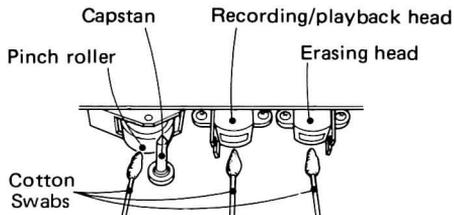
MAINTENANCE

CLEANING THE TAPE HEADS

Clean the tape heads frequently to remove dust and tape residue. Dirt on the heads will impair sound quality of both recording and playback.

There are two methods of head cleaning:

- A. The simpler method is to use a head cleaning cassette, available at most audio stores. Follow the instructions supplied with the cleaning cassette.
- B. The heads may also be cleaned manually:
 - 1 Depress the STOP/EJECT \blacksquare \blacktriangle key to open the cassette compartment. Remove the tape in the compartment.
 - 2 Depress the PLAY \blacktriangleleft key.
 - 3 Wipe the heads with a soft lint-free cloth or cotton swab partially soaked in alcohol (methylated spirits), until the heads are free of all dirt and residue deposits.



CLEANING THE CABINET

Use only a damp cloth for cleaning the cabinet.

SPECIFICATIONS

Power source:	AC 110V ~ 120V and 220V ~ 240V, 50/60Hz DC 9V (HP 11, UM/SUM-2, R 14 or C type x 6)
Speakers:	9 cm (3-1/2") x 2
Output power:	MPO; 3.6W + 3.6W (AC operation) RMS; 2.3W + 2.3W (DC operation, 10% distortion)
Semiconductors:	5 ICs 6 Transistors 14 Diodes 2 LEDs
Dimensions:	Width; 404 mm (16") Height; 136.5 mm (5-3/8") Depth; 79.5 mm (3-1/8")
Weight:	2.0 kg (4.5 lbs.) without batteries

CLEANING MECHANICAL PARTS

Dust or magnetized particles attached to the capstan or pinch roller are the direct cause of uneven tape speed during recording and playback. This is the cause of "wow" and "flutter", namely, tape speed variations above and below normal speed, respectively. Therefore, the pinch roller and capstan should be thoroughly cleaned with a soft lint-free cloth or cotton swab partially soaked in alcohol (methylated spirits).

TAPE RECORDER

Tape:	Compact cassette tape
Frequency response:	50 ~ 10,000 Hz
Signal/noise ratio:	45 dB
Wow and flutter:	0.3% (CCIR)
Input impedance:	External mic; 600 ohms Record/playback DIN socket; 0.56 mV/2.5k ohms
Output impedance:	Headphones; 8 ~ 32 ohms

RADIO

Frequency range:	LW; 150 ~ 285 kHz MW; 520 ~ 1,620 kHz SW; 5.95 ~ 18.0 MHz FM; 87.6 ~ 108 MHz
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SHARP reserves the right to make design and specification changes for product improvement. The performance specification figures indicated are nominal values of production sets. There may be some deviations from these values in individual units.