

Portable Cassette Recorder With Radio

INSTRUCTION MANUAL



SANYO



M9800F

CONTROLS (Fig. 1)

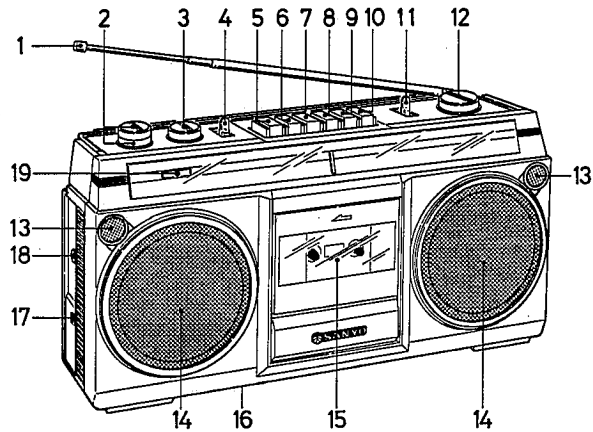


Fig. 1

- | | |
|------------------------------------|--|
| 1. FM telescopic antenna | 11. Band selector (BAND) |
| 2. Volume controls (VOLUME) | 12. Tuning control (TUNING) |
| 3. Tone control (TONE) | 13. Built-in microphone |
| 4. Function selector (FUNCTION) | 14. Speaker |
| 5. Pause button (PAUSE) | 15. Cassette compartment lid |
| 6. Play button (PLAY) | 16. Battery/AC mains lead compartment lid (rear of the unit) |
| 7. Fast forward button (F FWD) | 17. AC/DC selector (AC/DC) |
| 8. Rewind button (REW) | 18. Headphones socket (PHONES) |
| 9. Record button (REC) | 19. FM stereo indicator (FM STEREO) |
| 10. Stop/eject button (STOP/EJECT) | |

POWER SUPPLY

Battery Power Operation

1. Set the AC/DC selector to DC.
2. Open the battery/AC mains lead compartment lid by pushing the knob as shown in Fig. 2.
3. Install 5 "UM-1" (D) size batteries exactly as shown in Fig. 3.

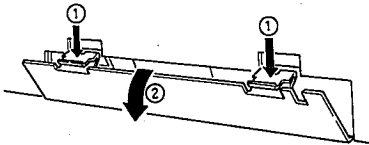


Fig. 2

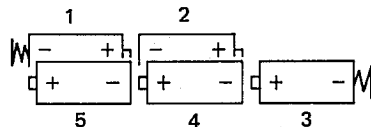


Fig. 3

4. Close the battery/AC mains lead compartment lid.

NOTE: In the following cases, the batteries are exhausted and must be replaced.

- * Sound volume becomes low.
- * Tape speed slows down.
- * When pressing a button in the recorder section, the recorder will not function.

AC Power Operation

1. Set the AC/DC selector to AC.
2. Open the battery/AC mains lead compartment lid and pull out the AC mains lead.
3. Connect the AC mains lead to an AC outlet.
4. Close the battery/AC mains lead compartment lid.

PREPARATION FOR RECORDING AND PLAYBACK

- * Press the STOP/EJECT button and insert a cassette.
- * Set the FUNCTION selector to TAPE unless you wish to record from the built-in radio.

- * **ALC (Automatic Level Control) recording**
This unit has an ALC circuit and no further adjustment is necessary.

- * **Pause**
Press the PAUSE button to momentarily stop tape travel during recording or playback. Re-press the button for pause release and recording (or playback) to re-start.

- * **Automatic stop**
Press the STOP/EJECT button to stop recording (or playback) at any time. When the end of the tape has been reached, the RECORD and PLAY buttons (or PLAY button) will be released automatically.

- * **Fast forward and rewind**
For fast winding or rewinding the tape, press the F FWD or REW button. Press the STOP/EJECT button when the desired location has been reached. When the end of the tape has been reached, the reels will stop. Then the STOP/EJECT button should be pressed.

RECORDING

a) Recording from Built-in Microphones

1. Press the REC button.
2. Speak in a normal voice at a distance of approximately 45 cm away from the unit (Fig. 8).

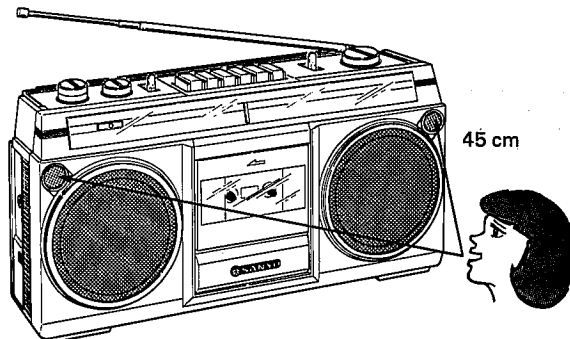


Fig. 8

NOTE: To prevent feedback, monitoring is not possible.

b) Recording from Built-in Radio

1. Set the FUNCTION selector to RADIO. Tune in a desired radio programme as described in "RADIO OPERATION" section.
2. Press the RECORD button.
3. Since you can monitor through the speakers regardless of the recording level, adjust the VOLUME and TONE controls for your desired sound level and tone taste.

PLAYBACK

1. Set the FUNCTION select switch to TAPE.
2. Insert the cassette by pressing the STOP/EJECT button.
3. Press the PLAY button.
4. Adjust the VOLUME and TONE controls for your desired sound level and tone taste.
5. Press the STOP/EJECT button to stop playback at any point. When the tape is wound completely, the PLAY button will be released automatically.

MAINTENANCE

To ensure the continued high performance of your unit, periodically clean the heads and pinch roller whenever dirt or a reddish-brown oxide has accumulated. Failure to clean these parts can result in inferior sound quality, distortion of recorded sounds, deterioration of reproduction of high frequencies, and inconsistent tape speed.

1. Press the STOP/EJECT button to open the cassette compartment lid.
2. Moisten a cotton swab (1) with a proprietary cleaner or methylated spirit and apply it to the faces of both heads (2 and 3), rubbing gently until all traces of dirt or oxide are removed. Also clean the surfaces of the pinch roller (4) and the capstan (5) (Fig. 9).
3. Dry, clean, and polish the faces of the heads with a piece of cloth.

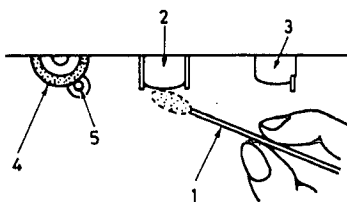


Fig. 9

SPECIFICATIONS

Recording system	DC bias
Erasing system	DC erase
Tape speed	4.75 cm/sec (1-7/8 i.p.s.)
Rewind and fast forward time	102 sec. (C-60)
Frequency range	AM: 530 – 1,605 kHz FM: 87.5 – 108 MHz
Terminal impedance	PHONES: 8 ohms
Frequency response	70 – 9,000 Hz
Output power	3 W x 2 maximum (music power)
Power source	DC: 7.5 V, "UM-1" size x 5 AC: 240 V, 50 Hz
Dimensions	435 (W) x 110 (D) x 215 (H) mm (17-1/4" x 4-3/8" x 8-1/2")
Weight	Approx. 3.1 kg (6 lbs. 14 ozs.) including batteries

* Specifications and Design subject to change without notice.

RADIO OPERATION

1. Set the **FUNCTION** selector to **RADIO**.
2. Set the desired radio band with the **BAND** selector.
3. Tune in a desired station by turning the **TUNING** control.
4. Adjust the **VOLUME** and **TONE** controls for your desired sound level and tone taste.
5. To turn the radio off, set the **FUNCTION** selector to **RADIO-OFF (TAPE)**.

* **FM stereo indicator (FM STEREO)**

This indicator will light up when a stereo broadcast is being received.

* **Antenna (Fig. 4)**

For AM reception, the antenna inside the unit is somewhat directional, and so reception from distant stations may sometimes be improved by rotating the unit.

For FM reception, pull out the telescopic antenna and determine the direction, length and angle for optimum reception.

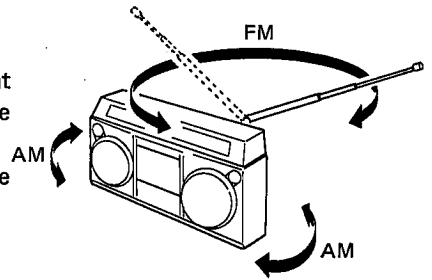


Fig. 4

* **Headphones socket (PHONES)**

For private listening, connect headphones (low impedance, not supplied) to the **PHONES** socket.

HELPFUL HINTS

Inserting and Removing the Cassette

Open the cassette compartment lid by pressing the **STOP/EJECT** button. Insert the cassette placing the full reel on the right (visible through the window) and the exposed section of tape at top (Fig. 5). Close the cassette compartment lid. Now the unit is ready for operation. To use the second track, press the **STOP/EJECT** button and remove the cassette. Turn the cassette around and reinsert it as previously described (Fig. 6).

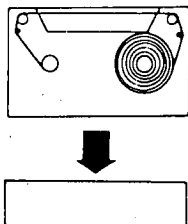


Fig. 5

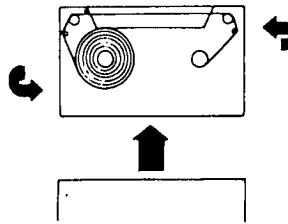


Fig. 6

Prevention of Accidental Erasing (Fig. 7)

Whenever recording, the sound previously recorded is erased automatically. To protect valuable recordings from accidental erasing, the cassette recorder and the cassette are equipped with standard safety features. To keep the recorded material, break out the tabs on the back of the cassette with a knife or screwdriver. To protect the side A (1) from accidental erasure, break out the right side tab (2). To record on a cassette whose tabs have been broken, simply attach adhesive tape (3) over the tab opening. The unit will not function in recording mode when a cassette tab has been removed.

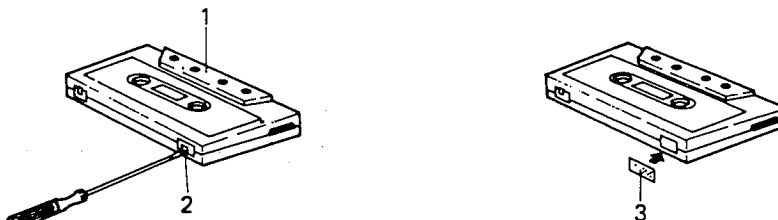


Fig. 7

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