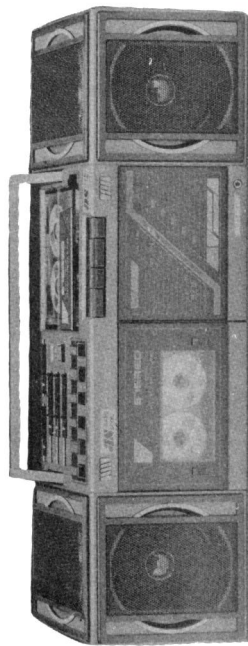


audio
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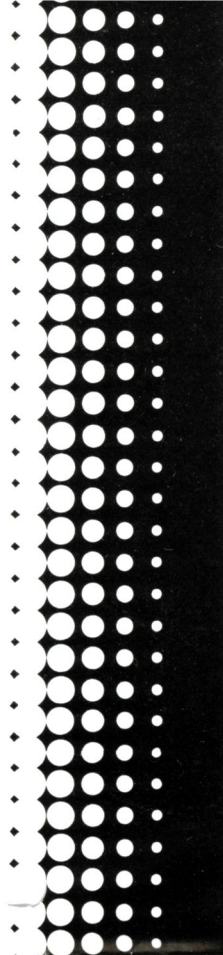
TBS-9600

**AM/FM 2 BAND STEREO
DOUBLE CASSETTE RECORDER**

INSTRUCTION MANUAL



ART. Nr.: 180812



POWER SOURCE

FROM HOUSEHOLD CURRENT

Plug the AC line cord into any outlet having 220V/50Hz only.

Note : Battery power is automatically disconnected once AC line cord is plugged in.

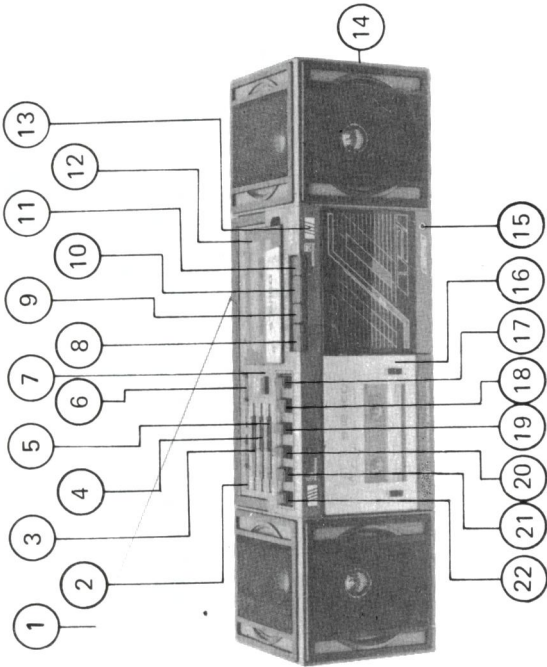
FROM BATTERIES (Not included)

Press the catches and open the battery cover on rear of unit. Install 5 batteries (UM-2 "C") taking care that the (+) and (-) signs are in the correct direction.

TO PLAY THE RADIO

Push POWER SWITCH (7) to the ON position. Slide FUNCTION SWITCH (2) to radio. Slide the BAND SWITCH (6) to either AM or FM. Turn the TUNING KNOB (14) to select desired station. Adjust VOLUME (5), BALANCE (4) and TONE (3) controls to the desired listening level. When playing FM fully extend the TELESCOPIC ANTENNA (1) and rotate for best reception. The FM stereo light will come on only if an FM station is broadcasting in stereo.

- | | |
|-------------------------|--------------------------|
| 1 - Telescopic antenna | 12 - Cassette door B |
| 2 - Function switch | 13 - Condenser mic |
| 3 - Tone control | 14 - Tuning knob |
| 4 - Balance control | 15 - Headphone jack |
| 5 - Volume control | 16 - Cassette door A |
| 6 - Band switch | 17 - Record button |
| 7 - Power switch | 18 - Play button |
| 8 - Stop/eject button | 19 - Rewind button |
| 9 - Fast forward button | 20 - Fast forward button |
| 10 - Play button | 21 - Stop/eject button |
| 11 - Pause button | 22 - Pause button |



TO PLAY A CASSETTE

Press the POWER SWITCH (7) to the ON position. Slide FUNCTION SWITCH (2) to either tape A or B. Press the STOP/EJECT BUTTON (21) to open CASSETTE DOOR A (16) or lift open CASSETTE DOOR B (12) (For playback you can use either tape A or tape B). Install a pre-recorded cassette tape and close the door. Press PLAY BUTTON (10) or (18). (Cassette will play to the end of the tape and automatically stop). Adjust VOLUME (5), BALANCE (4) and TONE (3) controls to the desired listening level. To manually stop the tape, press the STOP/EJECT BUTTON (8) or (21).

NOTE : Always press the stop button before pressing any other function button except pause.

The FAST FORWARD (9) or (20) and REWIND (19) buttons can be used to quickly advance or rewind to a special portion of the tape. The PAUSE BUTTON (11) or (22) can be used to temporarily stop the cassette.

RELAY PLAY

Follow instructions outlined in "to play a cassette". Slide FUNCTION SWITCH (2) to tape B. Insert your prerecorded cassette tapes into cassette tape A and cassette tape B cassette compartments. Press the PLAY BUTTON (10) of the tape B deck (tape B will start playing). Press PLAY BUTTON (18) of the tape A deck. When tape B reaches the end of play the auto stop will shut off the tape mechanism and tape A will automatically start.

TO RECORD A CASSETTE FROM THE BUILT - IN RADIO

Follow the instructions outlined in "to play the radio". Press the STOP/EJECT BUTTON (21) to open CASSETTE DOOR A (16). (Recording can be done only on tape A). Install a blank tape and close the door. Press the RECORD (17) and PLAY (18) buttons to begin the recording. As this unit employs ALC (automatic level control) the recording level is automatically preset so that the VOLUME, BALANCE and TONE controls have no effect on the recording. The PAUSE BUTTON (22) can be used to temporarily stop the recording. NOTE : Occasionally when recording from AM, chirping or whistle is heard. To eliminate this noise, slide the beat switch located on the rear of the unit to the other position.

FROM TAPE B TO TAPE A

Follow the instructions outlined in "to play a cassette" using tape B. Press the STOP/EJECT BUTTON (21) to open CASSETTE DOOR A (16). (Recording can be done only on tape A). Install a blank tape and close the door. Press the RECORD (17) and PLAY (18) buttons, cassette will start recording and will stop automatically at the end of the tape.

FROM BUILT-IN CONDENSER MICROPHONES


Press the POWER SWITCH (7) to the ON position. Slide the FUNCTION SWITCH (2) to tape A. Press the STOP/EJECT BUTTON (21) to open CASSETTE DOOR A (16). (Recording can only be done on tape A.). Install a blank tape and close the door. Press the RECORD (17) and PLAY

(18) buttons to begin the recording. Be sure the VOLUME CONTROL (5) is turned down to avoid feedback howling or a high pitched squealing noise from the speakers.

CARE AND MAINTENANCE

CASSETTE PLAYER RECORDER

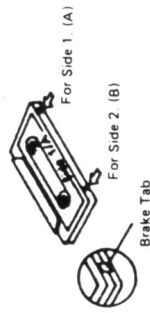
OPERATING TIPS

1. Use high quality tapes to obtain maximum quality reproduction from pre-recorded tapes or for recordings. Tapes with the following nomenclature are recommended. Low noise, high density, high output extended range with a play or record time up to 90 minutes.
 2. Tapes with a play or record time of 120 (C120) minutes are not recommended because they contain thinner and longer tape that has a greater chance to malfunction and jam, damaging the mechanism.
 3. To obtain good reproduction from play or record it is necessary for the head to be clean. For playing the heads should be cleaned after 10 to 20 hours of use. It is also recommended the tape be kept away from areas of excessive heat and cold.
 4. If there is slak in the tape, remove it before inserting the cartridge. To do so, insert a pencil into the hub and rotate clockwise as shown.
- 
- Tape Supply Reel
Tape Take-up Reel
5. A leader tape is provided at the beginning of each cartridge. There is no playing or recording on this area. It is necessary to let the tape run for about five seconds to clear the heads.

NOTE : When starting the tpe in either play or record modes, be certain there is movement of the Tape Run Counter before proceeding. Lack of movement of the counter could mean a malfunction of the cartridge. Immediately stop the machine; failure to do so could result in the tape becoming entangled in the mechanism. If this should happen, carefully remove the cartridge and correct it as shown above before continuing.

ERASE PROTECTION

Each cassette has provision to prevent accidental erasing of pre-recorded material. On the back of a blank cassette are two, breakout tabs (see diagram) which must be in place to engage and interlocking device before the "Record" button will depress. If these tabs have been removed, such as purchased pre-recorded cassettes the "Record" button will not depress. To record on a cassette in which one or both breakout tabs have been removed, place a piece of tape over the exposed holes. This will allow the interlocking device to engage.



Once you have completed recording on a blank cassette, you can prevent accidental erasing by breaking out and removing the tabs. With side 1 (A) facing you, erasing is prevented by breaking out the tab on the right and side 2 (B) by the tab on the left when viewed from the back.

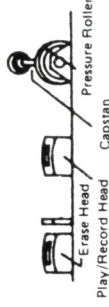
CABINET

- The finish on the receiver may be cleaned with a dust cloth and cared for as other furniture. Use caution when cleaning and wiping the plastic parts. Mild cleaners, such as dishwashing detergent with a dampened cloth may be used on the front panel.

TAPE DECK

- Periodic cleaning of the pressure roller, capstan, play/record and erase heads is necessary to maintain good reproduction of sound. The buildup of iron oxide particles which is often even more severe with interior tapes will reduce the performance of the tape. It is recommended that every 10 hours of use or more often if playback has deteriorated to clean the play/record and erase heads. To clean, use a cotton swab moistened with a head cleaner solution of isopropyl alcohol then wipe dry with a soft, clean cloth.

NOTE : Never use any metal objects on or near the tape head. Do not allow any cleaning material to fall into tape assembly. Do not use carbon tetrachloride as a cleaning agent.



DEMAGNETIZING THE HEADS

The heads should be demagnetized periodically after cleaning. Use a standard head demagnetizer and follow manufacturers instructions. Do not place your recorded tapes near the demagnetizer with power applied.

IMPORTANT SAFETY INSTRUCTIONS

1. **READ INSTRUCTIONS** — All the safety and operating instructions should be read before the appliance is operated.
2. **RETAIN INSTRUCTIONS** — The safety and operating instructions should be retained for future reference.
3. **HEED WARNINGS** — All warnings on the appliance and in the operating instructions should be adhered to.
4. **FOLLOW INSTRUCTIONS** — All operating and use instructions should be followed.
5. **WATER AND MOISTURE** — The appliance should not be used near water—for example, near a bathtub, washbowl, kitchen sink, laundry tub, swimming pool, or in a wet basement.
6. **VENTILATION** — The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
7. **HEAT** — The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
8. **POWER SOURCES** — The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
9. **GROUNDING OR POLARIZATION** — Precautions should be taken to insure that the grounding or polarization means of the appliance is not defeated.
10. **POWER-CORD PROTECTION** — Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point at which they exit from the appliance.
11. **CLEANING** — The appliance should be cleaned only as recommended by the manufacturer.
12. **POWER LINES** — An outdoor antenna should be located away from power lines.

13. **NONUSE PERIODS** — The power cord of the appliance should be unplugged from the outlet when the appliance is left unused for a long period of time.
14. **OBJECT AND LIQUID ENTRY** — Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
15. **CARTS AND STANDS** — If the appliance is used with a cart or stand, the cart or stand should be a type recommended by the manufacturer.
16. **WALL OR CEILING MOUNTING** — If the appliance is mounted to a wall or ceiling it should be mounted only as recommended by the manufacturer.
17. **DAMAGE REQUIRING SERVICE** — The appliance should be serviced by qualified service personnel when:
 - A. The power-supply cord or plug has been damaged.
 - B. Objects have fallen into, or liquid has been spilled into the appliance enclosure.
 - C. The appliance has been exposed to rain.
 - D. The appliance has been dropped, or the enclosure damaged.
 - E. The appliance does not appear to operate normally or exhibits a marked change in performance.
18. **SERVICING** — The user should not attempt to service the appliance beyond that described in the user's operating instructions. All other servicing should be referred to qualified service personnel.

MEMO