

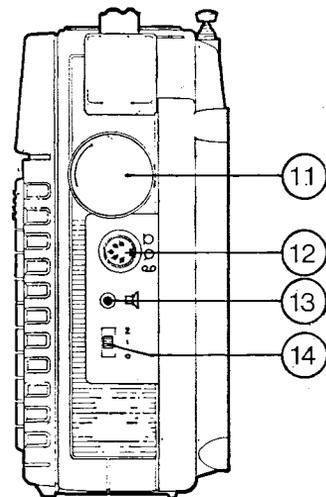
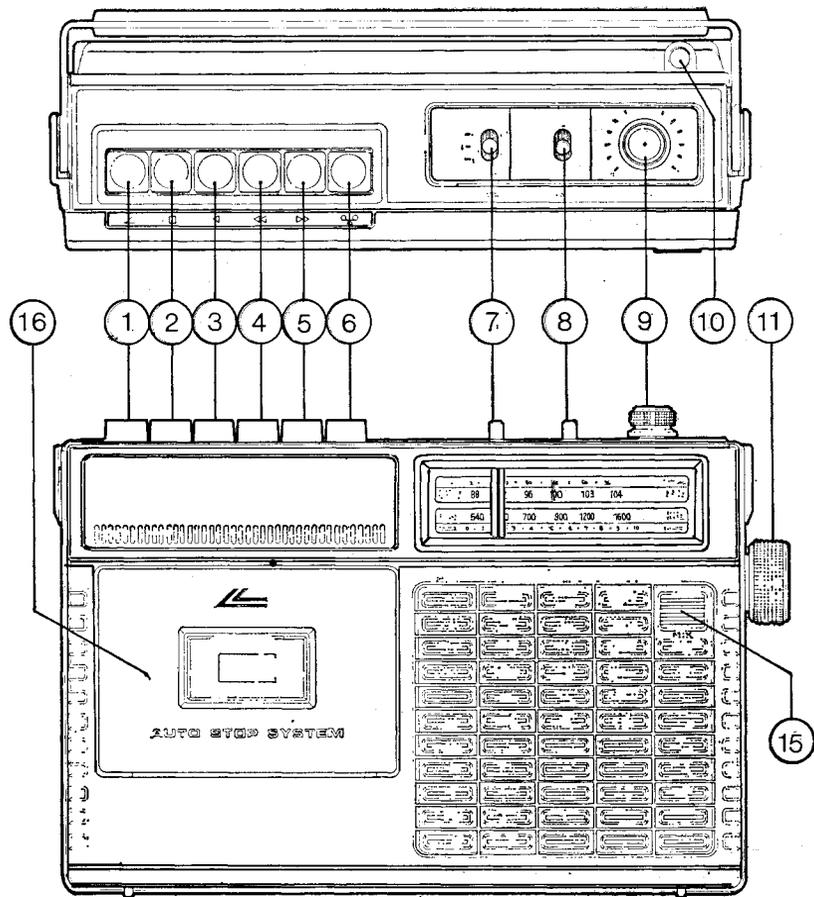
THORN

1205



AM-FM RADIO CASSETTE - RECORDER

OPERATING INSTRUCTIONS



A. CONTROLS AND THEIR FUNCTIONS

1. EJECTION BUTTON (EJECT)

On pushing this button, the cassette lid will be released to open for insertion or removal of a cassette tape.

2. STOP BUTTON (STOP)

On pushing this button, the tape movement stops and the power is turned off.

3. PLAYBACK BUTTON (PLAY)

On pushing this button, a recorded tape can be played back.

4. FAST FORWARD BUTTON (FF)

On pushing this button, the tape can be rapidly forwarded to the left reel in the cassette.

5. REWIND BUTTON (REW)

On pushing this button, the tape will be rapidly rewound to the right reel in the cassette.
When the tape travels to the end, the "STOP" button must be pushed to release this button.

6. RECORD BUTTON (RECORD)

If this button is depressed while pushing down the playback button, a recording can be made.

7. TAPE-RADIO-SLEEP FUNCTION SELECTOR

Slide the switch to the "TAPE" position for cassette playback or recording from the built-in condenser microphone or an external signal source.

Slide the switch to the "RADIO" position for radio reception or recording from a radio programme.

Slide the switch to the "SLEEP" position for operating the radio by running a tape.

When the tape reaches its end, the power as well as the radio are automatically turned off.

8. BAND SELECTOR (AM/FM)

9. VOLUME CONTROL

For adjusting the volume level during tape playback or radio reception.

10. FM ROD ANTENNA

For FM broadcast reception.

11. TUNING CONTROL

For tuning to a desired broadcast programme.

12. 5 PIN DIN JACK

Used for recording a DIN Microphone signal or an external signal from a Din plug. (At pin 1 and 4). The signal from playback of a tape or radio reception can be taken out from the unit through pins 3 and 5.

13. EARPHONE JACK (E.P.) OR EXTERNAL SPEAKER JACK

For connection of an earphone or an external speaker.

14. MONITOR SWITCH

During recording of the radio, the recorded programme can be heard when the monitor switch is at the 'ON' position 1 or 2. For built-in microphone recording, the monitor switch should be at the 'OFF' position.

15. BUILT-IN CONDENSOR MIC.

16. CASSETTE LID

17. AC SOCKET

For using an external AC supply.

B. POWER SOURCE

This unit can be conveniently used with either its internal batteries or ordinary 240V household current as the power source. When household current is used as the power source the internal batteries are automatically disconnected thus prolonging their life.

* USE BATTERIES UM-1 "D" SIZE X 4 PCS (DC)

* TO USE HOUSEHOLD CURRENT (AC) 240V

Insert one end of the AC cord which is normally included with the unit into the AC socket and plug the other end into the supply outlet.

When the batteries inside the unit are used, be sure to remove the AC cord from the AC socket of the unit.

C. TO LISTEN TO THE RADIO

Set the AM/FM band with the AM/FM selector switch. With the volume control in the middle position, rotate the tuning control knob until you tune the desired station.

Adjust the volume control for the preferred listening level. When an AM broadcast is being received, the sensitivity may sometimes change slightly depending upon the direction in which the unit is facing.

Rotate the unit for the most suitable position.

For FM broadcasts extend the rod antenna in the direction which results in the best reception.

D. INSERTION AND REMOVAL OF A CASSETTE

The cassette door can be opened and closed only if the play button is not depressed. To release the play button if necessary, press the stop key.

* INSERTING

Press the eject button. The cassette door will now spring open. The cassette should be inserted into the cassette door with the cassette opening facing upwards. Close the cassette door until the door locks in position.

* REMOVING

Press the eject button, the cassette door will now spring open and the cassette can be removed.

E. PLAYBACK

Insert the recorded cassette and press down the play button. Adjust the volume control for the desired listening level and tone quality.

* AUTOMATIC STOP

When the tape comes to an end during playback (or recording), the tape travel stops automatically, and the playback (and recording) buttons return to their original position.

F. FAST FORWARD AND REWIND

* FAST FORWARD

While the fast forward button (FF) is pushed down, the tape will be rapidly wound onto the left reel.

*** REWIND**

If the rewind button (REWIND) is pushed down the tape will be rewound rapidly onto the right reel. When the tape reaches the desired position or reaches the end push down the (STOP) button to stop the tape.

G. RECORDING

*** RECORDING WITH THE BUILT-IN MICROPHONE**

Set the selector knob to the (TAPE) position. Slide the monitor switch to the 'OFF' position and press down the playback and record button at the same time, recording starts.

Note:

1. For this unit, the playback button must be pushed while the record button is depressed.
2. If the 'Knock Out' tab of the cassette is broken out. The record button cannot be pushed and, therefore a recording cannot be accomplished.
3. A recording can be made on a recorded tape by placing adhesive tape over the tab below hole.
4. This set has been designed with automatic level control (ALC). Therefore during recording no level adjustment is required.

If a recording is to be made through the built-in microphone DO NOT connect anything to the microphone jack or the auxiliary input jack.

*** HOW TO RECORD A RADIO BROADCAST**

Set to AM/FM by the band selector switch and rotate the tuning control knob to the station desired, press down the playback and the record buttons. Recording starts.

To listen to the radio while recording from it, slide the monitor switch to the 'ON' position. The sound can be cut off by sliding the monitor switch to the 'OFF' position.

*** SLEEP FUNCTION**

The power supply for the radio operation can be controlled by running a cassette tape. This feature can act as a sleep function controlling the period of radio operation after the cassette tape has been inserted by depressing the 'PLAY' key. When the tape reaches the end, the auto-stop function will cut off the power supply and hence stop the radio operation.

The desired period of time can also be selected by the amount of tape remaining to be used on the reel.

Tape	Time for Running one full Tape Side
C-30	15 Minutes
C-60	30 Minutes
C-90	45 Minutes

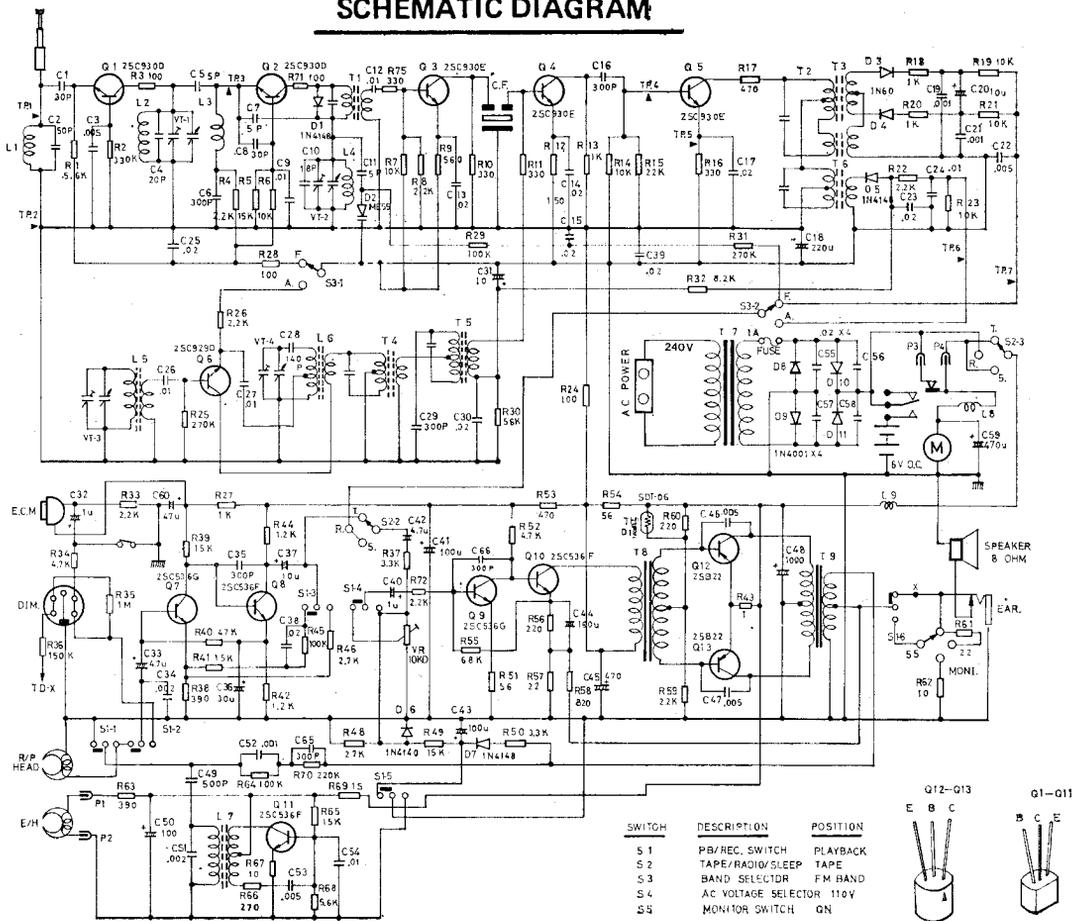
1. Slide the function switch to the 'SLEEP' position.
2. Insert a cassette tape to the desired length.
3. Push the playback button (or the recording and playback button).

When the tape comes to an end, it stops the automatic-stop mechanism. The playback button (or the playback and recording buttons) return to their original positions and the power is turned off.

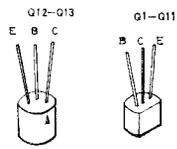
H. PRECAUTIONS AND MAINTENANCE

1. Avoid placing this unit near sources of high temperature or in direct sunlight for a long period, to do so may result in damage to the cabinet or changes of the component characteristics; and cause a decrease in performance.
2. If the unit is not to be used for an extended period (one month or more) or the unit is used only from AC power, remove the batteries in order to prevent leakage.
3. Be sure to push the stop button before inserting or removing a cassette.
4. Since the heads and capstan are in constant contact with the moving tape, and dirt or dust adheres to them, poor sound quality, distortion of fluctuation will result. Use a small cotton bud cleaning stick with alcohol to clean the tape head carefully.

SCHEMATIC DIAGRAM



SWITCH	DESCRIPTION	POSITION
S 1	PB/REC. SWITCH	PLAYBACK
S 2	TAPE/RADIO/SLEEP	TAPE
S 3	BAND SELECTOR	FM BAND
S 4	AC VOLTAGE SELECTOR	110V
S 5	MONITOR SWITCH	ON



MADE IN HONG KONG