

TC-12

INSTRUCTION FOR USE

SONY®



FEATURES

- * **Easy-to-operate cassette system**

No tape threading, no changing reels . . . simple one-touch operation with International Standard cassettes. C-120, C-90 and C-60 cassettes are available from SONY up to two hours (1.5 hours, 1 hour) of recording and playback with two tracks.

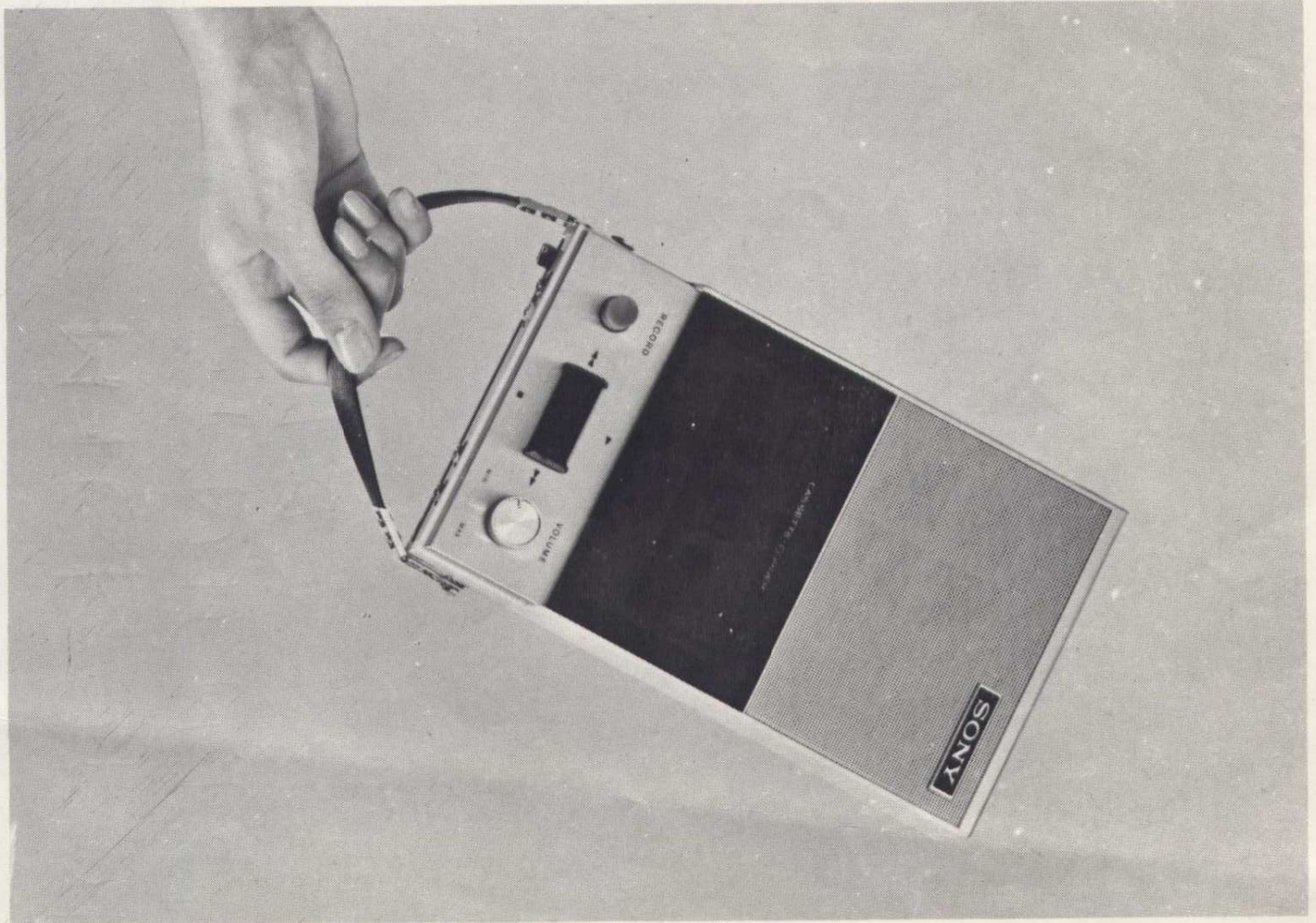
- * **SONY-O-MATIC** automatic recording level control for optimum recording without touching controls.

- * **Rich quality tone with 1-watt power output**

- * **Easily available 4 "C" size flashlight battery operation**

Also, AC power adaptor is optionally available for household current use.

- * **Microphone with convenient remote control switch**



CONTROL & JACKS

① **Function Selector Knob (PLAY/RWD/F.FWD/STOP)**

Use this knob to select any of Record (with Record Button depressed), Playback, Fast Forward, Rewind and Stop function.

② **Record Button (RECORD)**

Depressing this button, push Function Selector Knob to PLAY position and recording will begin.

③ **Remote Control Jack (REMOTE)**

Insert the smaller prong of microphone plug into this jack.

④ **Microphone Input Jack (MIC)**

For recording with microphone, the larger prong of microphone plug will be inserted into this jack.

⑤ **Eject Lever**

Push down this lever and cassette will spring up.

⑥ **AC Adaptor Jack**

To operate this recorder with house current (AC), connect an AC adaptor to this jack. AC adaptor, for example, SONY AC-603W/E is available for this purpose an optional.

⑦ **Earphone Monitor Jack (MONIT)**

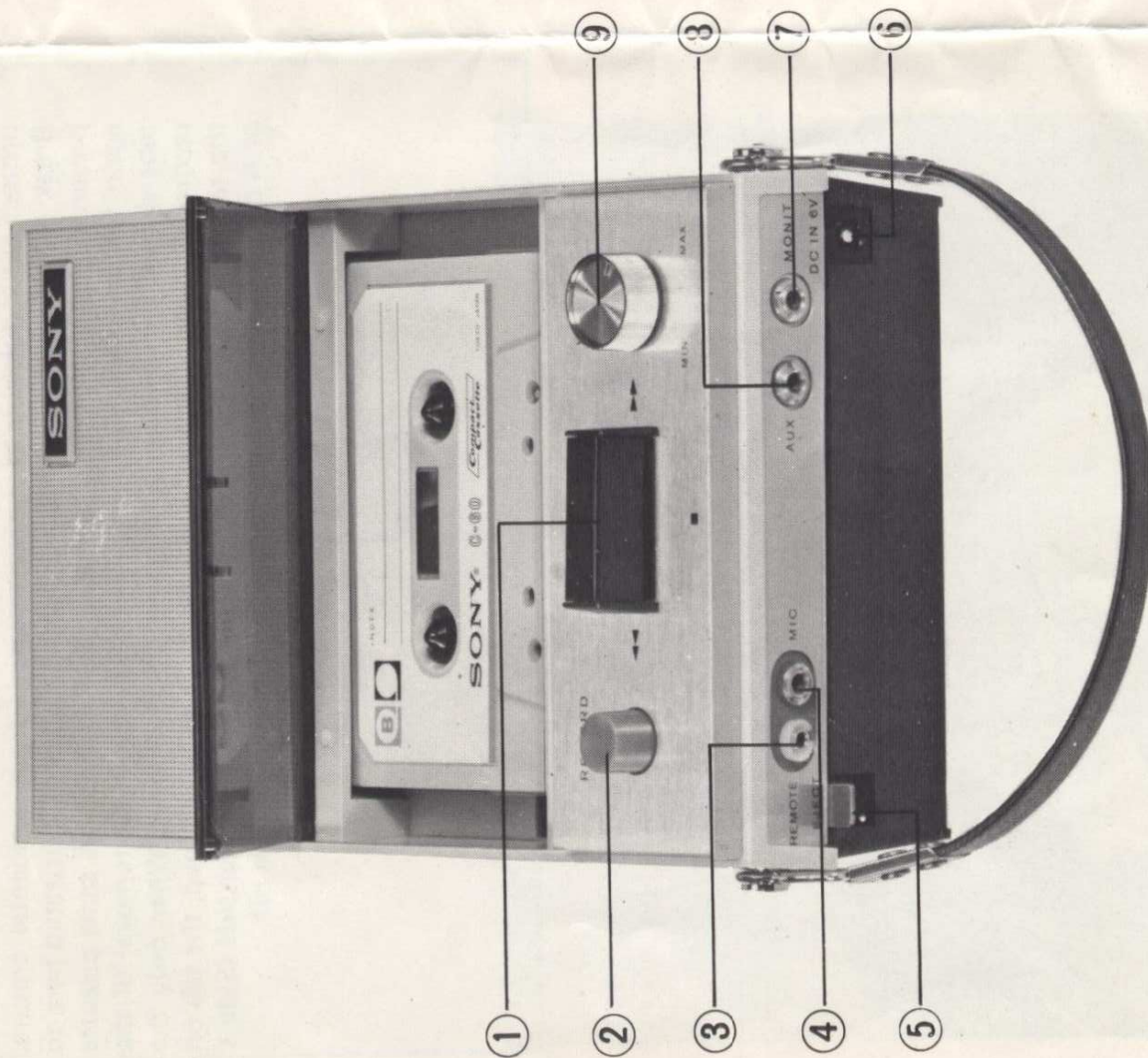
Connect to this jack an earphone for private listening.

⑧ **Auxiliary Input Jack (AUX)**

Use this jack to connect radio, TV set, record player, etc. to this recorder for direct recording.

⑨ **Playback Volume Control Knob (VOLUME)**

This is used for volume adjustment during playback.



POWER SOURCE

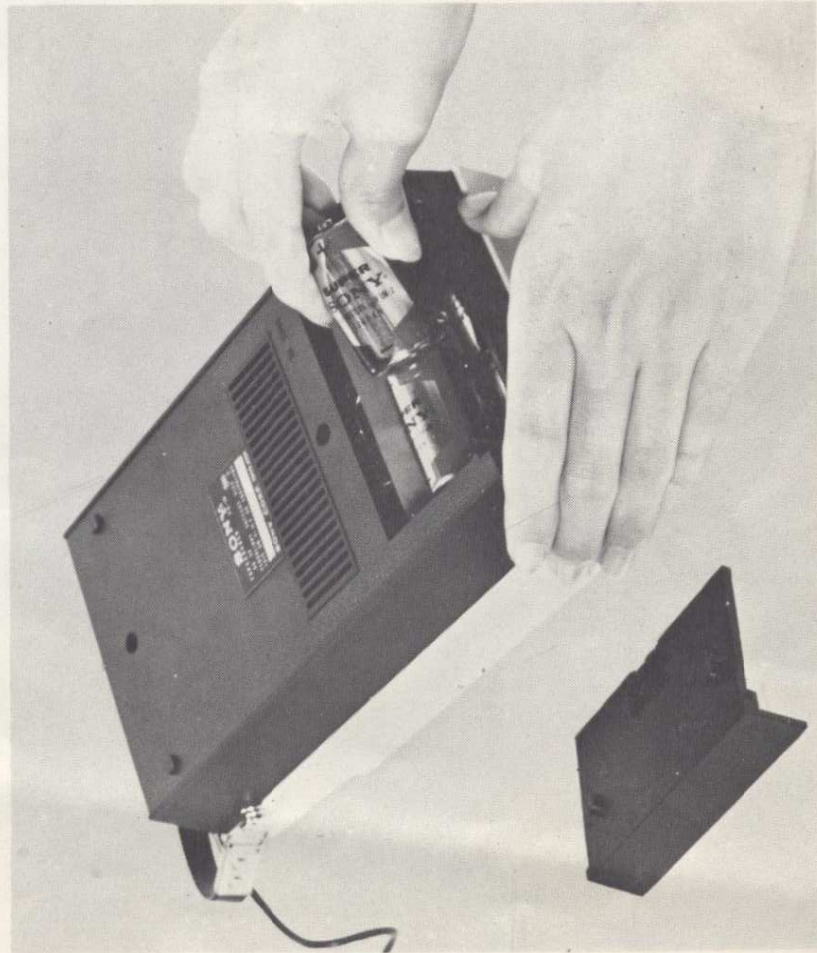
How to Install Batteries :

Insert a coin or the like into the slit of battery room lid, slide the lid with the coin and remove the lid.

Install four flashlight batteries (UM-2 or Size "C"), accessories, into battery room of the set correctly as indicated by Battery Installation Diagram found there. Be sure to avoid misplacement.

To Operate It with House Current (AC) :

It permits AC Operation when combined with an AC/DC (6 V) converter. Connect AC/DC converter to DC jack of this set. AC/DC converter for this use is available from SONY.



Safety Interlock to Prevent Accidental Erasure :

This recorder is equipped with safety interlock lever designed to protect your valuable recorded materials from accidental erasure. Break off two tabs in the rear side of cassette as illustrated here to preserve recorded material permanently. To use this same cassette again for new recording, the two holes vacated by removal of the tabs should be filled up with pieces of hard paper. When only the recording made on one side of cassette is to be retained, the tab on the rear seen to your lefthand side when that particular side (Side 1 or A or Side 2 or B) of cassette is upside will be broken off.



To Splice Tape :

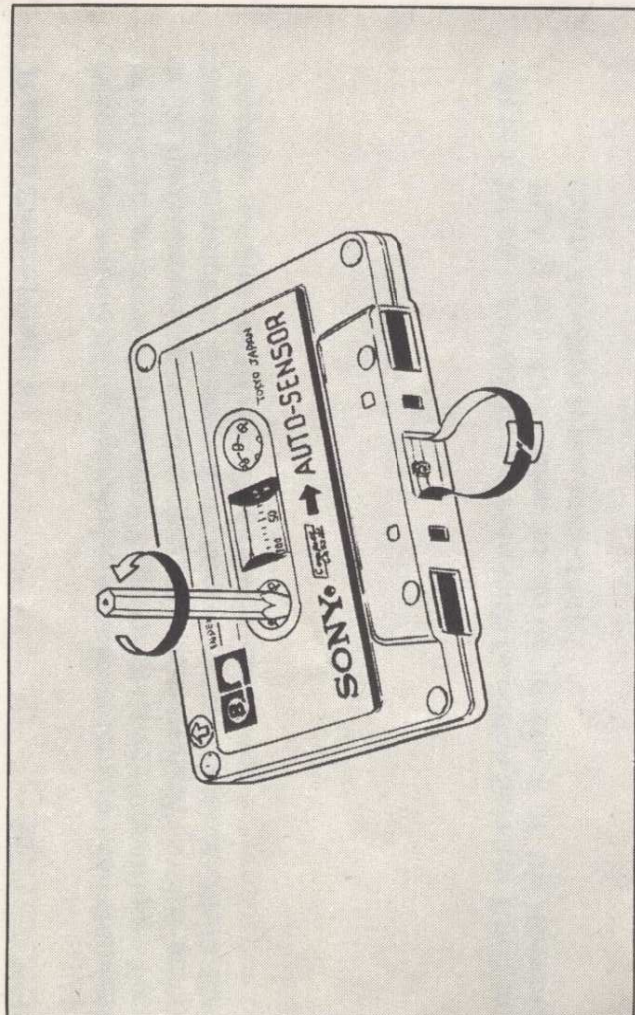
When tape is broken, it can be easily spliced by means of a splicing tape. As illustrated here, insert a pencil or the like into shaft hole of cassette and turn it to slacken tape. Now, pull out broken tape ends and splice them together. Splicing tape should be applied to the inner surface of recording tape, not to the outer surface. You can disassemble cassette by loosening 5 screws found on it but should not do so unless absolutely necessary.

Note : Recording is made on the outer surface of tape, so that care should be taken to avoid damaging that surface when handling tape.

RECORDING

1. Recording with Microphone

- (a) Connect microphone :
Insert two prongs of microphone plug into MIC and REMOTE jacks of this recorder properly.
- (b) Install cassette properly to this recorder. Make sure that the rear tab (s) of cassette has not been broken off. If broken off, the hole (s) should be filled up with paper as explained previously.
- (c) Depressing Record Button, push Function Selector knob to PLAY position simultaneously and tape will start running from the left hub of cassette to the right hub for recording.
- (d) A fully automatic volume control (SONY-O-MATIC) system, it makes it unnecessary for you to manually adjust input level for recording.
- (e) For monitoring of sound while recording the same, connect earphone to MONIT jack of this recorder and you can monitor the sound being recorded.
- (f) When recording is through, be sure to bring Function Selector Knob to STOP position.



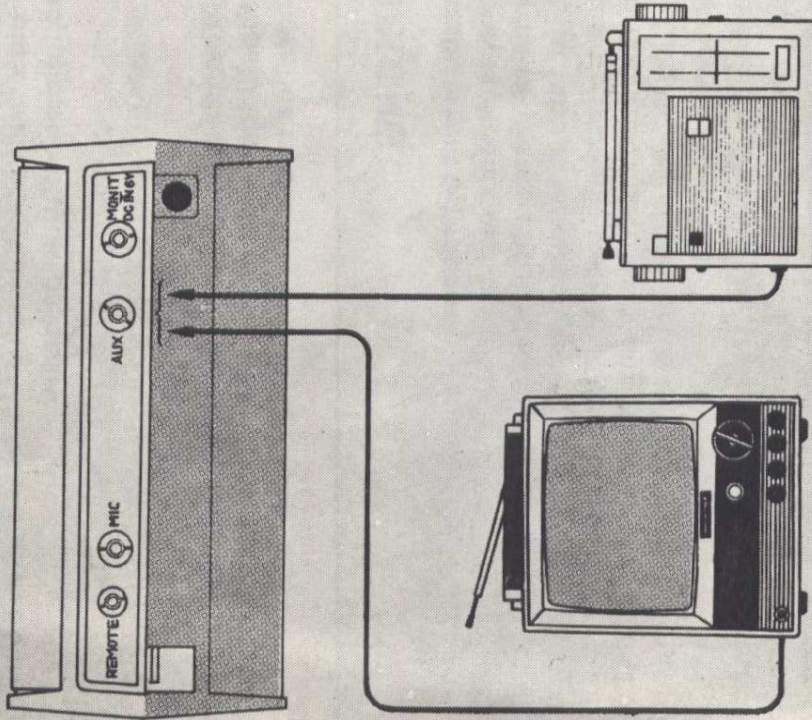
Remote Control Switch :

Microphone has On-Off Switch. Using this switch, you can stop and start tape anytime during recording and playback operations. You will find this remote control system particularly useful when recording since this stop/start control can be made while the recorder remains set to recording position all along.

Note : When tape fails to run even with Function Selector Knob set PLAY, the first thing to do is to check if the Remote Control Switch is not turned off.

2. Recording from TV, Radio, etc.

Using a patch cord, connect output (MONIT) jack of TV set, radio, etc. to AUX jack of this recorder. Connected as above, it gives you clear-tone recording completely free of outside noise.



ERASURE

Erase head functions during recording operation only. This is to say that a new recording automatically erases the old recording. To erase tape without recording at the same time, disconnect all input (MIC & AUX) connections and then operate the recorder in the same manner as for recording.

SPECIFICATIONS

Power requirements :

DC 6 V (4 "C" size flashlight batteries or equivalents) or household current with optional AC adaptor
Dual (monaural)

Tracks :

1 watt .

Power output :

Speaker :
2-9/16" (66 mm) diag. Permanent dynamic Impedance 8 ohms

Semi-conductors :

8 transistors, 1 thermistor

Recording time :

30 minutes per track, 1 hour in total

(with C-60 cassette)

Dimensions : .

2-1/2 x 5 x 8-1/2"

(65 x 130 x 215 mm)

Weight :

2 lb 9 oz (1.15 kg)

Standard accessories :

Dynamic microphone F-11

Batteries UM-2 x 4

Tape cassette C-60

Earphone

Carrying case

Carrying strap

AC power adaptor

Optional accessories :

AC-603W (110 ~ 120 V)

AC-603E (220 ~ 240 V)

— above specifications subject to change without notice