

**SONY**

3-786-274-21 (1)

Cassette-corder

# TCM-818

## Operating Instructions

Before operating the unit, please read this manual thoroughly and retain it for future reference.

## Owner's Record

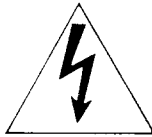
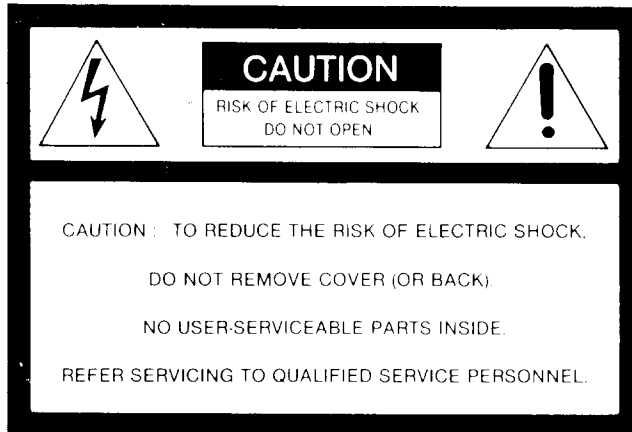
The model number is located at the bottom and the serial number is located in the battery compartment. Record the serial number in the space provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. TCM-818      Serial No. \_\_\_\_\_

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## **WARNING**

To prevent fire or shock hazard, do not expose the unit to rain or moisture.



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

\*The graphical symbols are on the bottom enclosure.

## Precautions

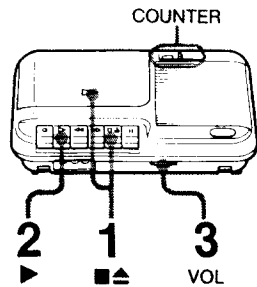
- Do not open the casing. Refer servicing to qualified personnel only.
- Operate the unit only on 120V AC, 60Hz, or 6V DC, with four size C (R14) batteries.  
For AC operation, use the supplied AC power cord. Do not use any other type.
- Disconnect the AC power cord from the wall outlet when the unit is not to be used for an extended period of time. To disconnect the cord, pull it out by grasping the plug. Never pull the cord itself.
- When the internal batteries are not to be used, remove them to avoid damage caused by battery leakage and corrosion.
- Do not leave the unit in a location near heat sources, or in a place subject to direct sunlight, excessive dust, mechanical vibration, or shock, or in a car with its windows closed.
- Should any solid object or liquid fall into the unit, unplug the unit and remove the batteries, and have the unit checked by qualified personnel before operating it any further.
- Since a strong magnet is used for the speaker, metallic objects such as pins, etc. may cling to the unit. Keep personal credit cards using magnetic coding away from the unit to prevent possible damage caused by the magnet.
- If the unit has not been used for a long time, set it in playback mode and warm it up for a few minutes before inserting a cassette.

### **Note on the 120-minute cassette**

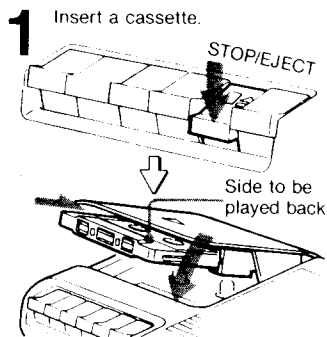
The use of a 120-minute cassette tape is not recommended except for long continuous recording or playback.

If you have any question or problem concerning your unit that is not covered in this manual, please consult your nearest Sony dealer.

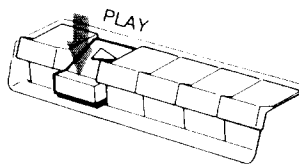
# Playback



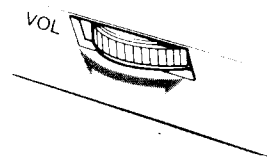
Take up any slack in the tape before inserting a cassette.



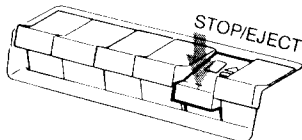
2



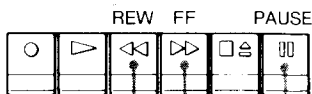
3



## To stop playback



## Other operations



To stop the tape momentarily  
To restart, press again.  
To advance the tape rapidly  
To rewind the tape

## Listening with the earphone

Connect the optional earphone to the jack of this unit. The built-in speaker is automatically disconnected.

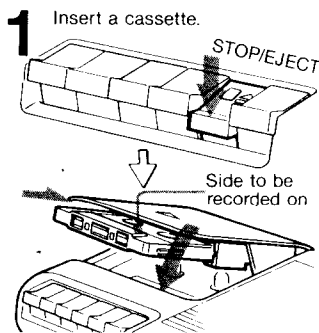
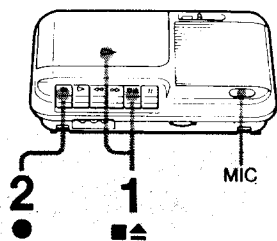
## To control the unit with the remote control unit

For remote stop/start operation during playback or recording, connect the optional remote control unit to the REMOTE jack of this unit.

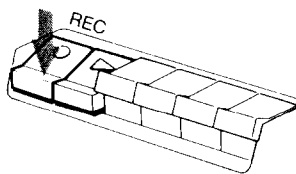
## At the end of the tape

All the locked buttons will be released automatically.

# Recording

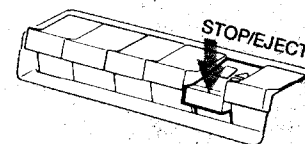


2



The ► button is depressed automatically.

## To stop recording



## Monitoring the recording

Connect the optional earphone. The monitoring volume is fixed.

## Recording with an external microphone

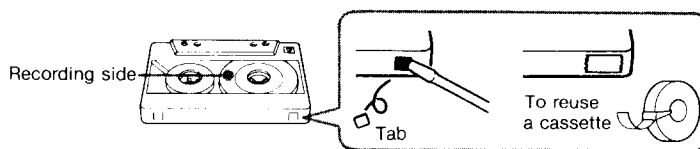
Connect an external microphone to the MIC jack of this unit. The built-in microphone is automatically disconnected. When a microphone with PLUG IN POWER system is connected, power is supplied with the microphone from this unit.

## For indexing the tape contents

Use the COUNTER. Press the reset button to set the counter to "000". The figure on the counter increases during playback, recording and fast-forwarding, and decreases during rewinding.

## To prevent accidental erasure

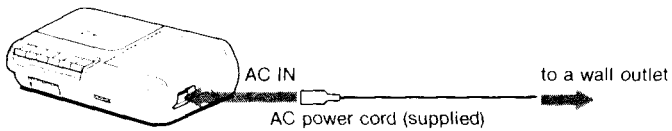
Break out the tab corresponding to the side to be recorded on. Recording on that side will be protected.



## Power Sources

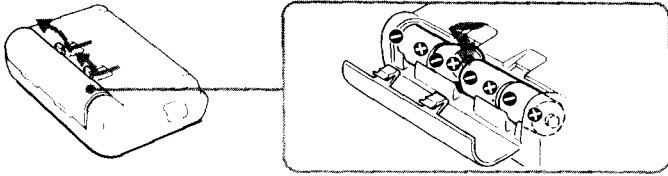
### House Current (120 V AC)

The unit cannot be operated on the internal batteries (if present) when the AC power cord is connected to the unit.



### Batteries

Insert four size C (R14) batteries with correct polarity.

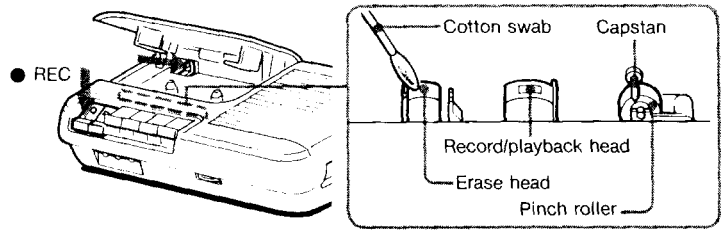


Concerning battery life, see "Specifications".

## Maintenance

### Cleaning the Heads and the Tape Path

Prolonged use may contaminate the tape heads and the tape path. Contamination causes insufficient recording or sound drop-outs in playback. **Clean the tape heads and the tape path after every 10 hours of use** to enjoy optimum sound. Moisten a cotton swab or a soft cloth with alcohol, and gently wipe the parts shown in the illustration.



After cleaning, press **■▲** to release **●** and **▶**.

### Cleaning the Case

Clean the case with a soft cloth slightly moistened with water. Do not use alcohol, benzene or thinner as they may mar the finish.

## Troubleshooting Guide

Troubles	Cause/Remedy
Tape does not move.	<ul style="list-style-type: none"><li>• The AC power cord is not connected (on AC operation).</li><li>• Battery operation is attempted while the AC power cord is connected to the recorder but not to the wall outlet.</li><li>• No batteries in the battery compartment (on DC operation).</li><li>• Incorrect polarity of batteries or weak batteries.</li><li>• The <b>II</b> button is depressed.</li></ul>
Cassette cannot be inserted.	<ul style="list-style-type: none"><li>• Cassette is being inserted improperly.</li><li>• The <b>▶</b> button is depressed.</li></ul>
The <b>●</b> button cannot be depressed.	<ul style="list-style-type: none"><li>• No cassette in the cassette holder.</li><li>• The cassette inserted has the tabs removed.</li></ul>
No sound from the speaker.	<ul style="list-style-type: none"><li>• The earphone is plugged in.</li><li>• The VOL control is turned down completely.</li></ul>
Weak or distorted sound, sound drop-outs, or excessive noise.	<ul style="list-style-type: none"><li>• Weak batteries.</li><li>• Dirty heads.</li></ul>

## Specifications

Recording system	2-track 1-channel monaural
Speaker	Approx. 6.6 cm (2 <sup>5</sup> / <sub>8</sub> inches) dia.
Frequency response	100-6,300 Hz
Input	Microphone input (minijack) sensitivity 0.25 mV for low impedance microphone
Output	Earphone jack (minijack) for 8 to 300-ohm earphone
Other jack	Remote control jack
Power output	400 mW (at 10% harmonic distortion, DC operation)
Power requirements	120 V AC, 60 Hz 6 V DC, four size C (R14) batteries
Battery life	(hours)

Batteries	Recording
Sony battery SUM-2 (NS)	Approx. 4
Sony alkaline battery AM2 (N)	Approx. 10

For maximum performance, we recommend the use of alkaline batteries.

Dimensions	Approx. 240 × 68 × 148 mm (w/h/d) (9 <sup>1</sup> / <sub>2</sub> × 2 <sup>3</sup> / <sub>4</sub> × 5 <sup>7</sup> / <sub>8</sub> inches) incl. projecting parts and controls
Weight	Approx. 1.1 kg (2 lb 7 oz) incl. batteries
Supplied accessory	AC power cord (1)

Design and specifications subject to change without notice.

### Optional Accessories

Earphone ME-L82, ME-83  
Remote control unit RM-45A  
Electret condenser microphone ECM-K8  
Foot switch FS-10A

**SONY®**

PERSONAL/PORTABLE AUDIO PRODUCTS

## LIMITED WARRANTY

SONY CORPORATION OF AMERICA ("SONY") warrants this product against defects in material or workmanship, as follows:

1. For a period of 90 days from the date of retail purchase, SONY shall at its sole and absolute option either repair the defective product at no charge or replace the defective product with the same model or its equivalent model at no charge through a SONY SERVICE CENTER.

To obtain warranty service during the initial 90-day period, you must take the product, or deliver the product prepaid, to one of the SONY SERVICE CENTERS located in the United States.

2. After the initial 90-day period, SONY will supply, at no charge, new or rebuilt replacements for defective parts for a period of 1 year from the date of retail purchase.

Labor for removal and installation of these parts is available from your SONY authorized service facility or SONY SERVICE CENTER, at your expense.

Proof of purchase in the form of a bill of sale or receipted invoice, which indicates that the product is within the warranty period, must be presented to obtain warranty service. SONY suggests that the purchaser retain the dealer's dated bill of sale as evidence of the date of retail purchase.

This warranty does not cover cosmetic damage, and damage to any part of the product, including the antenna, which results from acts of God, accident, misuse, abuse, improper maintenance, or connection to an improper voltage supply.

This warranty is valid only if the serial number appears on the product. This warranty is valid only in the United States of America.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. SONY SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. In addition, if you enter into a service contract with the Sony Partnership <sup>SM</sup> within 90 days of the date of sale, the limitation on how long an implied warranty lasts does not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Please refer to the list of SONY SERVICE CENTERS on the reverse side for the SONY SERVICE CENTER nearest you.

- For your convenience, Sony Corporation of America has established the Customer Information Center to supply you with product or service information.

**SONY CUSTOMER INFORMATION CENTER**  
201-930-SONY (7669)

or write to:

SONY CUSTOMER INFORMATION CENTER  
Sony Drive, Mail Drop M-1  
Park Ridge, New Jersey 07656

**SONY CORPORATION OF AMERICA**  
Sony Drive, Park Ridge, New Jersey 07656



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