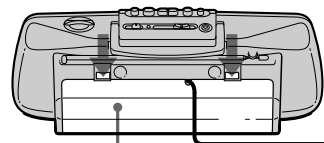


## Choosing Power Sources

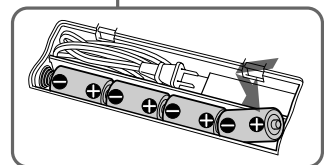
### Connecting the AC power cord.

Rear Panel



Open the battery compartment and take out the AC power cord. An opening in the compartment door permits AC operation with the door in its place. Then, connect the AC power cord to the wall outlet.

to a wall outlet



### Using the player on batteries.

Insert four size D (R20) batteries (not supplied) into the battery compartment.

#### Note

- Replace the batteries when the OPR/BATT indicator dims or when the player stops operating. Replace all the batteries with new ones.

## Specifications

### Other specifications

- Frequency range FM: 87.6-108 MHz/AM: 530-1,710 kHz
- Antennas FM: Telescope/AM: Built-in ferrite bar
- Recording system 4-track, 2-channel stereo
- Frequency response 100-10,000 Hz
- Speakers Full-range: 7.7 cm (3/4 inches) dia x 2, cone type
- Output Headphones jack (stereo minijack), for 16-68 ohms impedance headphones
- Power output 0.75 W+0.75 W (at 10% harmonic distortion in DC operation)

### Battery life

#### FM recording

Sony SUM-1 (NS) : Approx. 10 hours

Sony AM1 (N) alkaline : Approx. 22 hours

#### playback

Sony SUM-1 (NS) : Approx. 9 hours

Sony AM1 (N) alkaline : Approx. 20 hours

- Power requirements 120 V AC, 60 Hz/6 V DC, four size D (R20) batteries
- Power consumption AC 6 W
- Dimensions Approx. 404 x 144 x 136 mm (w/h/d) ( 16 x 5 3/4 x 5 3/8 inches) incl. projecting parts and controls
- Mass Approx. 1.9 kg (4 lb 3 oz) ( incl. batteries)

Design and specifications are subject to change without notice.

## Troubleshooting

### There is no audio.

- Connect the AC power cord securely.
- Insert the batteries properly.
- Replace all the batteries if they are weak.
- Unplug the headphones.
- Adjust the volume.
- Set FUNCTION to the position you want to operate.

### Noise is heard.

- Someone is using a portable telephone or other equipment that emits radio waves near the player. Move the portable telephone, etc., away from the player.

### Cassette cannot be inserted.

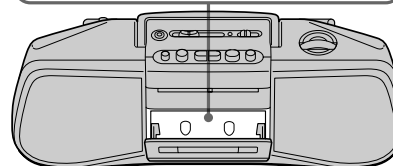
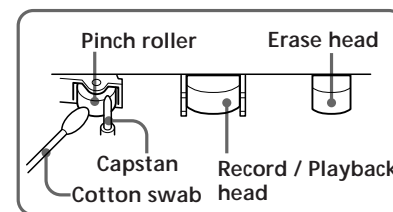
- Insert the cassette properly.
- Press ■STOP/EJECT to release ◀PLAY.

### The REC button does not function.

- No cassette is in the tape compartment.
- Make sure the safety tab on the cassette is in place.

### Poor playback, recording or erasing quality.

- Dirty heads. Clean the unit (as shown) with a cotton swab slightly moistened with cleaning fluid or alcohol.
- Demagnetize the heads and all metal parts in the tape path with a commercially available tape head demagnetizer.



## Precautions

### On safety/power sources

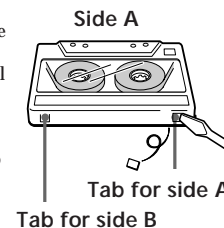
- Should any solid object or liquid fall into the player, unplug the player, and have it checked by qualified personnel before operating it any further.
- Unplug the player from the wall outlet when it is not to be used for an extended period of time.
- For battery operation, use four size D (R20) batteries.
- When the batteries are not to be used, remove them to avoid damage that can be caused by battery leakage or corrosion.
- The nameplate indicating operating voltage, power consumption, etc. is located at the bottom.

### On placement/operation

- Do not leave the player in a location near heat sources, or in a place subject to direct sunlight, excessive dust or mechanical shock.
- Do not place anything within 10 mm of the side of the cabinet. The ventilation holes must be unobstructed for the player to operate properly and to prolong the life of its components.
- Since a strong magnet is used for the speakers, keep personal credit cards using magnetic coding or spring-wound watches away from the player to prevent possible damage from the magnet.
- If the player has not been used for a long time, set it in the playback mode to warm it up for a few minutes before inserting a cassette.

### Notes on cassettes

- Break off the cassette tab from side A or B to prevent accidental recording. If you want to reuse the tape for recording, cover the broken tab with adhesive tape.
- The use of a cassette with more than 90 minutes of play time is not recommended except for long, continuous recording or playback.



If you have questions or problems concerning your player, please consult your nearest Sony dealer.

# Radio Cassette-Corder

## Operating Instructions

### Owner's Record

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

Model No. CFS-B15

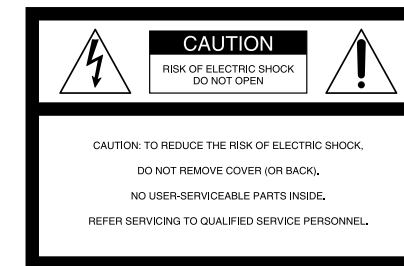
Serial No. \_\_\_\_\_

## CFS-B15

©1997 by Sony Corporation Printed in China

## WARNING

To prevent fire or shock hazard, do not expose the player 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.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

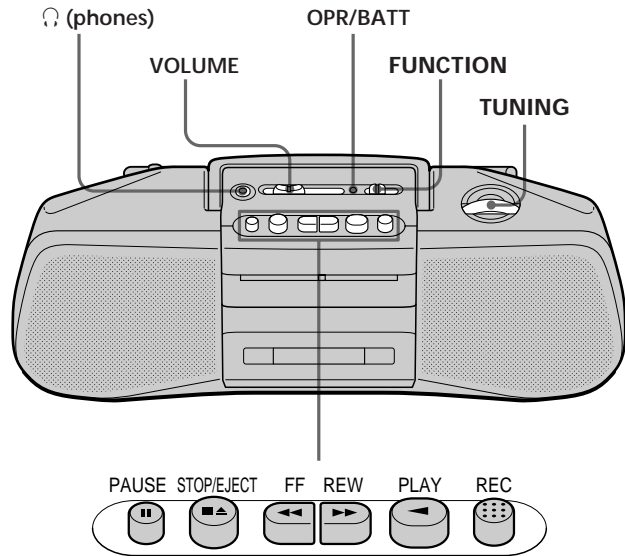
### For customers in Canada

To prevent electric shock, match wide blade of plug to wide slot, fully insert.

Sony  line

<http://www.world.sony.com/>

## Location and controls



## Listening to the radio

**1** Set FUNCTION to FM or AM.

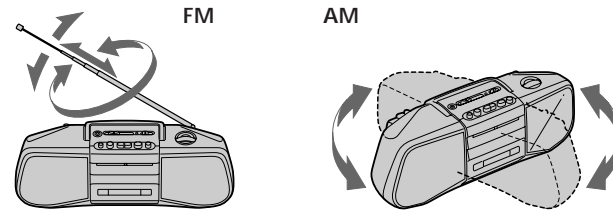
**2** Tune to the station you want.

### To turn off the radio

Set FUNCTION to TAPE (RADIO OFF).

### To improve broadcast reception

Reorient the antenna for FM. Reorient the player itself for AM.



### Tips

- To listen through the headphones, connect the headphones to (phones).
- For best results, move the player away from the TV.

Use TYPE I (normal) tape only.

## Playing a tape

**1** Set FUNCTION to TAPE (RADIO OFF).

**2** Insert a recorded tape.

With the side you want to play on facing forward.

**3** Press ◀ PLAY.

To	Press
Stop playback	■▲ STOP/EJECT When the tape ends, the playback stops.
Fast-forward or rewind the tape	◀◀ FF or ▶▶ REW
Pause playback	PAUSE Press this button again to resume playback.
Eject the cassette	■▲ STOP/EJECT

Use TYPE I (normal) tape only.

## Recording from the radio

**1** Tune to the station you want.

**2** Insert a blank tape.

With the side you want to record on facing forward.

**3** Press REC.

To	Press
Stop recording	■▲ STOP/EJECT When the tape ends, the recording stops.
Pause recording	PAUSE Press this button again to resume recording.

### Tips

- For best results, use the AC power source.
- Adjusting the volume will not affect the recording level.

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