

**SONY**

# Radio Cassette- Corder

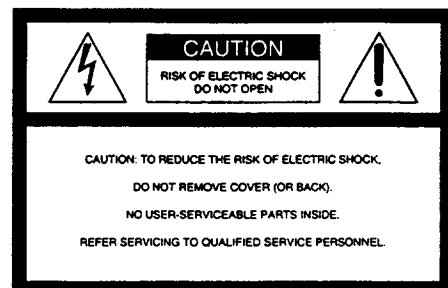
## Operating Instructions

**CFS-1055**©1995 by Sony Corporation  
Printed in China

3-810-746-12(1)

## 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.

## Owner's Record

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

Model No. CFS-1055 Serial No. \_\_\_\_\_

## 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.
- For AC operation, use the supplied AC power cord; do not use any other type (Australian models only).
- The player is not disconnected from the AC power source as long as it is connected to the wall outlet, even if the player itself has been turned off.
- For battery operation, use six 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 rear.

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

## 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.

### Cassette cannot be inserted.

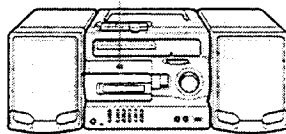
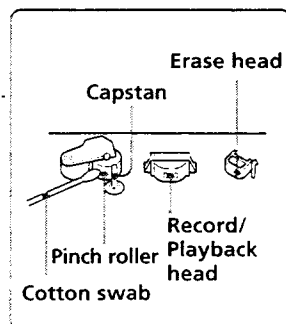
- Insert the cassette properly.

### The ● 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.



## Specifications

### AUDIO POWER SPECIFICATIONS

#### POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 3.2ohm loads, both channels driven, from 150–10,000Hz; rated 1.5 watts per channel minimum RMS power, with no more than 10% total harmonic distortion in AC operation.

- **Frequency range**  
FM: 87.6–108MHz  
AM: 530–1,710kHz
- **Antennas** FM: Telescope/AM: Built-in ferrite bar
- **Recording system** 4-track, 2-channel stereo
- **Frequency response** 100–10,000Hz
- **Speakers** Woofer: 10cm (4inches) dia., cone type/Tweeter: 2cm (1 1/2 inches) dia.
- **Input** CD/TV LINE IN jacks(phono jacks), sensitivity 0.3 V, input impedance 47 kilohms
- **Output** Headphones jack(stereo minijack), for 16–68 ohms impedance headphones
- **Power output (excluding the USA model)**  
2.3W+2.3W (at 10% harmonic distortion in DC operation)

### Battery life

FM Recording: Sony R20P: Approx. 16 hours/Sony LR20 alkaline: Approx. 36 hours  
Playback: R20P: Approx. 8 hours/Sony LR20 alkaline: Approx. 21 hours

### Power requirements

Australian model: 230–240 V AC, 50Hz/Other models: 120 V AC, 60Hz  
9V DC, six size D (R20) batteries

### Power consumption

Australian model: AC 14W  
Other models: AC 12W

### Dimensions

Approx. 579 x 206 x 197 mm (w/h/d) ( 22 7/8 x 8 1/8 x 7 7/8 inches) incl. projecting parts and controls, not incl. handle

### Mass

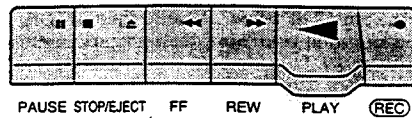
Approx. 4.6kg (10 lb 2 oz) incl. batteries

### Supplied accessory

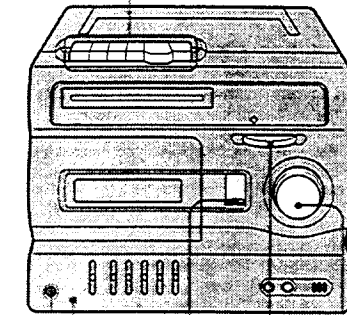
AC power cord (1) (Australian models only)

Design and specifications are subject to change without notice.

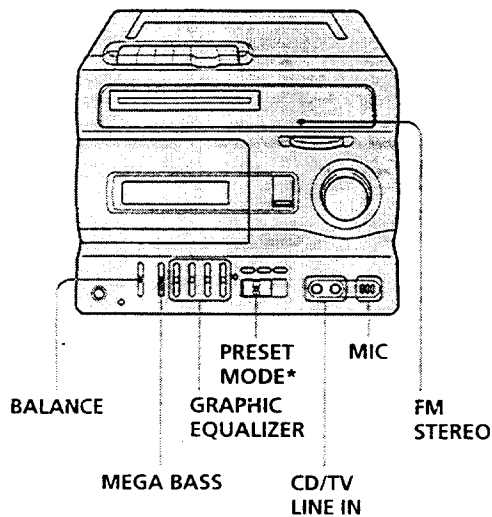
## Location of controls



PAUSE STOP/EJECT FF REW PLAY REC



OPR/BATT PHONES TUNING VOLUME FUNCTION

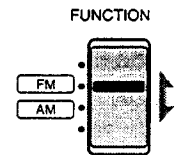


BALANCE PRESET MODE\* MIC FM STEREO MEGA BASS GRAPHIC EQUALIZER CD/TV LINE IN

\* Only for the customers having the model with the PRESET MODE

## Listening to the radio

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



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

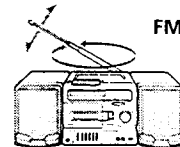


### To turn off the radio

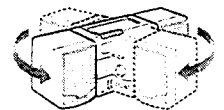
Set FUNCTION to TAPE/RADIO OFF.

### To improve broadcast reception

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



FM



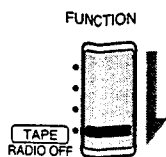
AM

### Tips

- To listen through the headphones, connect the headphones to PHONES.
- For best results, move the player away the TV.

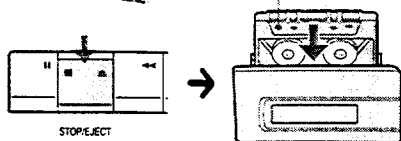
## Playing a tape

- 1** Set **FUNCTION** to **TAPE /RADIO OFF**.

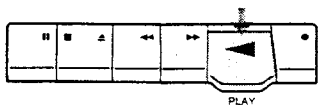


- 2** Insert a recorded tape.

With the side you want to play on facing forward.



- 3** Press **PLAY**.



To	Press
Stop playback*	■▲
Fast-forward or rewind the tape*	◀◀ or ▶▶ For the side facing forward.
Pause playback	 Press this button again to resume playback.

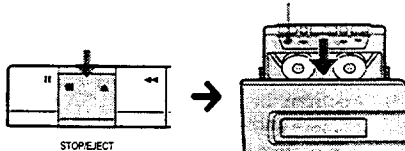
\* When the tape end, the depressed button ◀◀, ▶▶ or ▶ is released automatically (Auto shut-off function).

## Recording

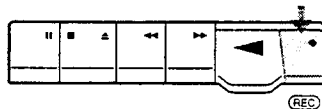
- 1** To record from the radio  
Tune to the station you want.  
To record from the built-in microphone  
Set **FUNCTION** to **TAPE/RADIO OFF**.

- 2** Insert a blank tape.

With the side you want to record on facing forward.



- 3** Press **REC**.



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

### Tips

- For best results, use the AC power source.
- Adjusting the volume or the audio emphasis will not affect the recording level.
- To erase a recording, disconnect the audio source if connected to CD/TV LINE IN. Set **FUNCTION** to CD/TV LINE IN and press ●.

### Note

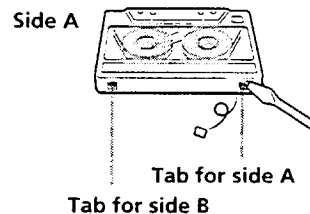
While recording from the built-in microphone, you cannot monitor the sound through the headphones.

## Adjusting the audio emphasis

Use	To adjust
BALANCE	Stereo imaging.
MEGA BASS	Deep bass sound.
400 Hz	Speaking voice, middle frequencies of instrumental music.
1 kHz	Presence of vocal.
4 kHz	Brightness of the sound
10 kHz	High treble sounds or to reduce high frequency noise/tape hiss.

### 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.

### For the customers having the model with the PRESET MODE

Use	To
MANUAL	adjust the sound using the GRAPHIC EQUALIZER.
DISCO	get powerful, clear sounds emphasizing low and high range audio.
PARTY	get light, bright sounds emphasizing high and middle range audio.
LIVE	get wide-ranging sounds having presence.

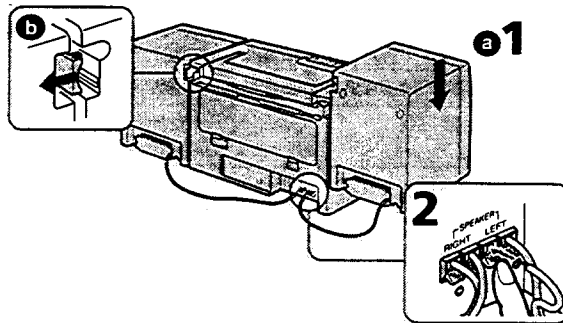
### Note

When adjusting the GRAPHIC EQUALIZER, be sure to set the PRESET MODE to MANUAL. The graphic equalizer does not work in any other position.

# Setting up the system

## Connecting the Speakers

Make sure you turn off the power before making connections.



- 1** Align the grooves and slide the speaker box down until it snaps into place **a**.
- 2** Connect the black wires to (-) minus and the red wires to (+) plus terminals: the right speaker wires to the R (right), and the left speaker wires to the L (left) terminals.

### Tip

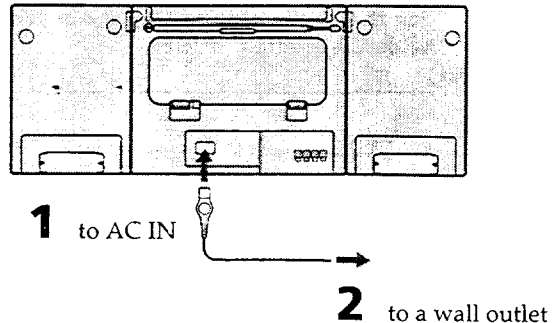
To detach the speakers, unlock the speaker **b** and slide the speaker box all the way up and away from the player.

## Choosing Power Sources

### To use the player on AC power source

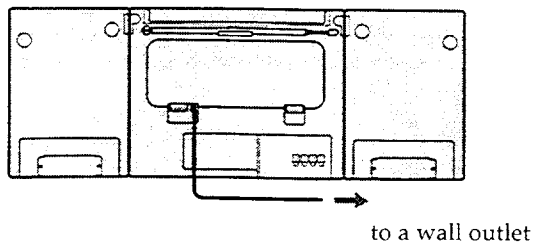
#### For the Australian model

Connect the supplied AC power cord to the AC IN jack.



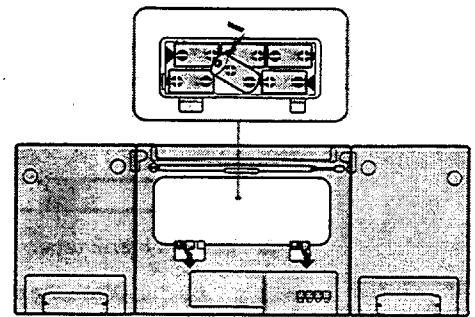
### For other models

Open the battery compartment and take out the AC power cord, and close the battery compartment.



### To use the player on batteries

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

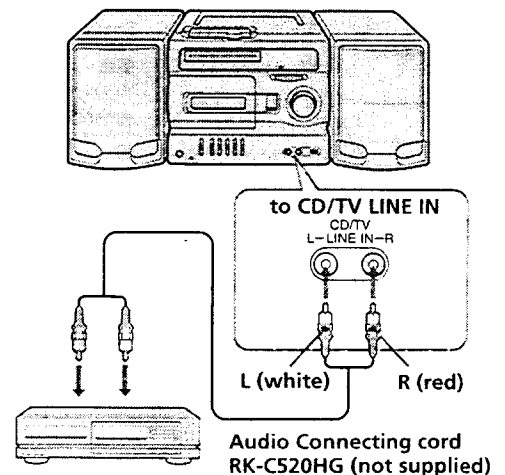


### Notes

- To use the player on batteries, disconnect the AC power cord from the player. For the USA and Canadian models, keep the AC power cord in the battery compartment.
- Replace the batteries when the OPR/BATT indicator dims or when the player stops operating. Replace all the batteries with new ones.

## Connecting optional components

Before making connections, be sure to turn off the power of the component and set FUNCTION to TAPE/RADIO OFF on the player.



After connecting the component, set FUNCTION to CD/TV LINE IN and play the connected component.

### Tip

You can record the sound of the connected component. Insert a cassette, and press **●**.

### Note

Connect the cables firmly to avoid any malfunction.