

FM/AM Cassette Car Stereo

# XR-6077

## Operating Instructions page 2

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

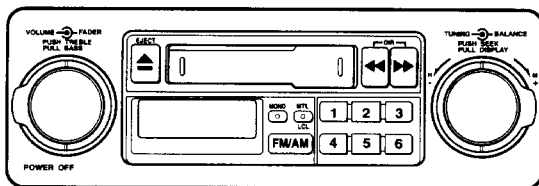
## Owner's Record

The model and serial numbers are located on the top of the unit. Record the serial number in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. XR-6077    Serial No. \_\_\_\_\_

## Mode d'emploi page 14

Avant la mise en service de cet appareil, prière de lire attentivement ce mode d'emploi que l'on conservera pour toute référence ultérieure.



For installation and connection, see the supplied installation/connections manual.  
 Pour l'installation et les connexions, se reporter au manuel d'installation/connexions.

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## Features

- ### Tuner section
- SSB (Sony Super Interference Rejection) PLL Synthesizer tuner
  - The quartz-locked digital synthesizer system enables easy and accurate tuning.
  - Up to 12 FM and 6 AM stations can be preset.
- ### Cassette deck section
- The auto-reverse function changes the tape direction automatically.

- ### Power amplifier section
- Fader control for playback with a 4-speaker system.
  - Maximum power output of 7.5 watts per channel.
- ### General
- The quartz controlled digital clock.

## Precautions

- If your car was parked in direct sunlight and there was a considerable rise in temperature inside the car, allow the unit to cool off before operating.
- If no power is being supplied to the unit, check the connections first. If everything is in order, check the fuse.
- If no sound comes from the speakers of a 2-speaker system, set the fader control to the center position.

### Cassette care

- This unit will automatically reverse the direction of the tape when it senses an entangled tape. If during playback the player should reverse the direction a number of times, the tape should be considerably damaged. In this case, remove the cassette, not recommended.
  - The use of cassettes longer than 90 minutes is not recommended.
  - Be sure not to leave cassettes inside your car with the windows closed. Direct sunlight or extremely high temperature will warp cassette shells and cause the tape to stretch.
  - Avoid touching the tape surface, as any dirt or dust on the tape will contaminate the playback heads of the player.
  - Store the cassettes in their cases when not in use.
- If you have any questions or problems concerning your unit that are not covered in this manual, please consult your nearest Sony dealer.

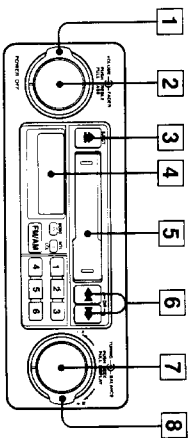
## INFORMATION

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that particular interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Repoint the receiving antenna
- Relocate the equipment with respect to the receiver
- Move the equipment away from the receiver
- Plug the equipment into a different outlet, so that equipment and receiver are on different branch circuits.
- If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful:  
"How to Identify and Resolve Radio-TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, DC 20402, Stock No. 004-000 00345-4.

# Location and Function of Controls

Refer to the page in ● for details.



## 1 FADER control

Turn clockwise to decrease the volume of the rear speakers or counterclockwise to decrease the volume of the front speakers.

## 2 POWER OFF (power on/off) switch/VOLUME/PUSH TREBLE/PULL BASS control

POWER OFF (power on/off) switch	Turn clockwise to turn off the unit and counterclockwise to turn off the unit.
VOLUME control	Turn clockwise to increase volume and counterclockwise to decrease volume.
TREBLE control	Press and turn to adjust treble.
BASS control	Push and turn to adjust bass.

## 3 EJECT button

Press to stop the tape and take out the cassette.

## 4 Display window

## 5 Cassette insertion door

## 6 ◀/▶/⏪/⏩ (fast winding)/DIR (tape transport direction change) buttons

During playback, depress ◀ or ▶ for fast winding and press both ◀▶ and ▶▶ simultaneously to listen to the other side of the cassette.

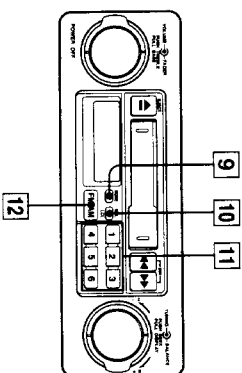
## 7 TUNING/PUSH SEEK/PULL DISPLAY knob

TUNING knob	Turn to manually tune in the desired station.
SEEK knob	Press for automatic tuning.
DISPLAY knob	Push to display the time indication during radio reception.

## 8 BALANCE control

Turn to adjust the balance of the left and right speakers.

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## 9 MONO (monaural) button

Press to reduce noise during reception of a weak FM stereo program. To restore to stereo, press it again.

## 10 MTL/LCL (metal/local) button

Operation mode	How to use
Tape playback	Press when listening to C-07 (TYPE II) or metal (TYPE IV) tapes. When listening to normal (TYPE I) tapes, press it again.
Radio reception	Press to eliminate interference from adjacent stations during a reception of a station with comparatively strong broadcasting signals. To go back to the normal receiving sensitivity, press it again.

## 11 Preset number buttons

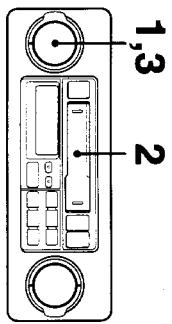
## 12 FM/AM (band select) button

Press to select a desired band, FM1, FM2 or AM.

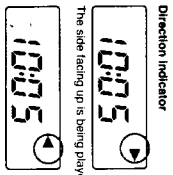
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# Tape Playback

Before inserting a cassette, take up any slack in the tape with a thick pencil.



- 1** Turn clockwise to turn the power on.
- 2** Insert a cassette. Playback starts automatically.
- 3** Adjust the volume.



**Direction indicator**  
The side facing up is being played back.



**To listen to the CO<sub>2</sub> (TYPE II) or metal (TYPE IV) tapes**  
Press MT/LCL.  
Press again to demagnetize.

The side facing down is being played back.

**To listen to the other side of the cassette**  
Press ◀▶ and ▶▶ simultaneously.

**To wind the tape rapidly**

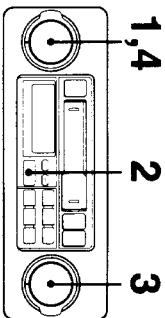
Direction indicator	To advance	To rewind
▶	Depress ▶▶	Depress ◀◀
◀	Depress ◀◀	Depress ▶▶





To resume playback, press ◀◀ or ▶▶ lightly, which is not depressed.

**To stop playback and listen to the radio**  
Press the EJECT button. The unit enters the radio mode.

**To stop playback and turn off the unit**  
Press the EJECT button and then turn the POWER OFF switch counterclockwise until it clicks.

## Automatic Tuning



- 1** Turn clockwise to turn the power on.  

- 2** Press to select the desired band, FM (1 or 2) or AM. Each time the button is pressed, the corresponding indicator appears in the display window.  

- 3** Stations will be scanned automatically and scanning will stop when a station is tuned in. Repeat pressing the PUSH SEEK knob until the desired station is tuned in.  

- 4** Adjust the volume.  


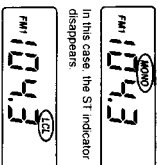
When an FM stereo program of sufficient signal strength is tuned in:

The ST indicator appears.  
 FM 104.3

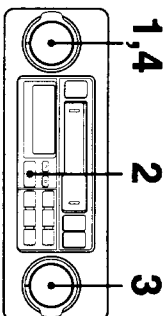
**For improved reception**




• To receive a weak FM stereo program, press MONO. The FM stereo program is received in monaural, but the noise will be reduced.



• To receive very strong FM/AM station or to receive an AM station at night, press MUTE/CL.



## Manual Tuning




- 1** Turn clockwise to turn the power on.  

- 2** Press to select the desired band, FM (1 or 2) or AM. Each time the button is pressed, the corresponding indicator appears in the display window.  

- 3** Turn to tune in the desired station.  


For lower frequency  

  
 For higher frequency
- 4** Adjust the volume.  


**Warning**

While driving, keep your eyes on the road and use the automatic tuning or the memory preset tuning.

**To display the time indication during radio reception**

Full the FULL DISPLAY knob.  
 FM 100.5

To restore the frequency indication, pull it again.