

SONY

3-786-931-21 (1)

FM/AM Cassette Car Stereo

XR-6387

Operating Instructions

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 these numbers in the spaces provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. XR-6387

Serial No. _____



For installation and connection, see the supplied installation/connections manual.

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- Tuner section**
- SSR (Sony Super Interference Rejection)
 - PLL Synthesizer Tuner
 - The quartz-locked digital synthesizer system provides very 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.
 - Automatic Music Sensor (AMS) function locates the beginning of a selection.
 - The Dolby NR system reduces tape hiss noise during playback.
- Power amplifier section**
- Tracer control for playback with a 4-speaker system
 - 4-channel power amplifier with the maximum power output of 25 watts per channel
 - Graphic equalizer In/out phases.
- 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.
 - No sound from the speakers of a 2-speaker system, set the level control to the center position.
- Protection circuit.**
- The built-in power amplifier employs a protection circuit to protect the speakers if the amplifier malfunctions. When a protection circuit activates, there will be an abrupt loss of sound from the speakers. Particularly, when a speaker with a low input impedance (less than 4 ohms) is connected to the unit, the sound will be discontinued. This, however, is not a problem. If this happens, turn the volume down a little.
- Cassette care**
- This unit will automatically reverse the direction of the tape when it senses an erasure.
 - If during playback the player should reverse the direction a number of times, the tape should be considered damaged. In this case, remove the cassette.
 - 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 heads of the player.
 - Store the cassettes in their cases when not in use.
- If you have any question or problem concerning your unit that is not covered in this manual, please consult your nearest Sony dealer.

INFORMATION

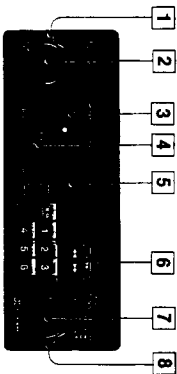
This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing 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 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:

- Reposition the receiving antenna.
- Reposition 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. 004-000-003-945-4.

Refer to the page in ● for details.



- 1 BALANCE control**
Turn to adjust balance of the left and right channel outputs.

- 2 POWER ON/OFF switch/VOLUME/PUSH TREBLE/PULL BASS control**

POWER ON/OFF switch	Turn clockwise to turn on the unit and then for more volume.
VOLUME control	Press and turn to adjust treble.
TREBLE control	Press and turn to adjust bass.
BASS control	

- 3 (Eject) button**
Press to stop the tape and take out the cassette.

- 4 Display window**

- 5 Cassette insertion door**

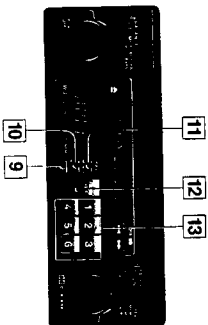
- 6 ◀▶/↔ (last winding) buttons/DIR (tape transport direction) buttons**
During playback, depress ◀ or ▶ for fast winding and press both ◀▶ and ↔ simultaneously to listen to the other side of the cassette.

- 7 TUNING knob/PUSH SEEK button/PULL MEM (memory) knob**

TUNING knob	Turn to manually tune in the desired station.
SEEK button	Press for automatic tuning.
MEM knob	Pull to memorize the frequency of the station being received.

- 8 FADER control**

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



- 9 MTI/LDL (metal/loca) button**

Operation mode	How to use
Tape playback	Press when listening to COC (TYPE III or metal (TYPE IV) tapes. When pressing to complete, influence from adjacent stations during reception of a comparatively strong station. To go back to the normal receiving sensitivity, press it again.
Radio reception	

- 10 NR/MONO (Dolby noise reduction*/monaural) button**
*Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation. "DOLBY" and the double-D symbol (D) are trademarks of Dolby Laboratories Licensing Corporation.

Operation mode	How to use
Tape playback	Press to activate Dolby NR system. To deactivate, press it again.
Radio reception	Press to reduce noise during reception of a weak FM stereo program. The sound will be monaural instead. To listen in stereo, press it again.

- 11 DISPLAY button**
Press to display the time indication during radio reception.

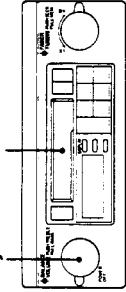
- 12 AMS (Automatic Music Sensor/FM/AM (band select) button**

Operation mode	How to use
Tape playback	Press to locate the beginning of the next selection of the selection being played.
Radio reception	Press to select the desired band.

- 13 Preset number buttons**

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

1, 3



Press **◀▶** and **▶▶** simultaneously.

Direction Indicator	To advance	To rewind
▶	Depress ▶▶	Depress ◀◀
▼	Depress ◀◀	Depress ▶▶

To wind the tape rapidly


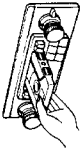

To resume playback, press **◀◀** or **▶▶** lightly, which is not depressed.

To stop playback and listen to the radio

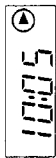
Press **⏻**. The unit enters the radio mode.

To stop playback and turn off the unit

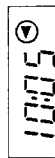
Press **⏻** and turn the volume counterclockwise until it clicks.

- 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.



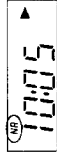
The side facing down is being played back.

To listen to CIO: (TYPE B) or metal (TYPE B)
Use
Press **MTL/LCL**.



Press again to disengage.


To listen to Dolby NR-processed tapes
Press **NR/MONO**.



Press again to disengage.

Dolby NR system reduces tape hiss noise in low-level, high-frequency signals. The system boosts these signals in recording and lowers them in playback. Therefore, the Dolby NR system must be engaged when you listen to tapes recorded with this system.

To Locate the Beginning of a Selection —Automatic Music Sensor (AMS)

Press  and refer to the following table.

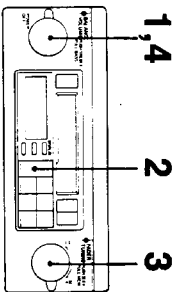


Direction Indicator	To locate the beginning of the selection being played	To locate the beginning of the next selection
▶	Depress ◀◀	Depress ▶▶
◀	Depress ▶▶	Depress ◀◀

The desired selection cannot be located if:
 — the selected selection is not a blank
 — the space in the space between the selected selection and the beginning of the next selection is less than 4 seconds long
 — the ▶▶ or ◀◀ button is pressed immediately before the beginning of the desired selection
 — the ▶▶ or ◀◀ button is pressed during a selection, or within the blank space


Playback or fast winding may begin in the middle of a selection if the following conditions are achieved, as the followings are treated as blanks:
 — a long pause in the selection
 — a passage of low frequencies or very low volume
 — increase or decrease of volume, as in some classical music.

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 Press PUSH SEEK. Station 1 will be scanned automatically and scanning will stop when a station is tuned in. Repeat pressing the PUSH SEEK until the desired station is tuned in.
- 4 Adjust the volume.

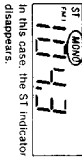
When an FM stereo program of sufficient signal strength is tuned in



The ST indicator appears.

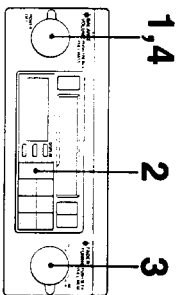
To play back the during radio reception insert a cassette. The radio is turned off and playback will begin automatically.

For improved reception
 * When a stereo program is received in MONO, the FM stereo program is received in monoaural, but the mode will be selected.
 * To receive very strong FM/AM station or to receive very weak FM/AM station at night, press MULTICL.



In this case, the ST indicator disappears.

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.
- 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 automatic tuning or the memory preset button!

To display the time indication during radio reception Press DISPLAY



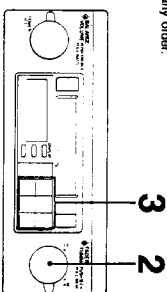
To restore the frequency indication, press it again.

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Memory Preset Tuning

To Memorize Station Frequency

You can memorize a total of 18 stations (6 stations for each band), one on each preset number button in any order.

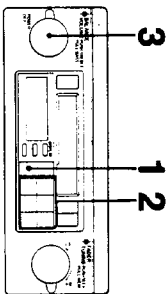





- 1** Tune in a desired station using automatic or manual tuning.
- 2** Pull out PULL MEMORY. The displayed frequency is memorized.
- 3** Press the desired preset number button while the MEM indicator is displayed. ~

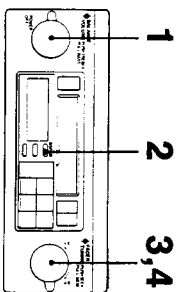
Repeat steps 1 to 3 to preset all the desired stations.





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To Tune In the Preset Station



- 1**  Press to select the desired band.
- 2**  Press the desired preset number button.
- 3**  Adjust the volume.



- 1**  Turn clockwise to turn the power on.
- 2**  Press to display the time digits.
- 3**  Turn to **H** while pulling out **TUNING**. Set the hour digits.
- 4**  Turn to **M** while pulling out **TUNING**. Set the minute digits.

The digits are advanced in sequence. To advance them rapidly, keep **TUNING** turned while pulling it out.

When you set minute digits "00" comes after "59". The hour digits do not change then.

Notes on memorizing

- The previously memorized station will be erased when you enter a new station of the same band on the same number preset button.

- The MEM indication appears for about 5 seconds. If it disappears before you press the number button, pull out TALK MEM again.