

**SONY.**

# ***Remote Commander System***

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Operating Instructions \_\_\_\_\_

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## **Owner's Record**

The model and serial numbers are located on the bottom of the hideaway unit.  
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. RM-X69RF Serial No. \_\_\_\_\_

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

***RM-X69RF***

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## Warning

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful 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:

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- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

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## Welcome!

Thank you for purchasing the SONY Remote Commander System. This unit lets you enjoy CD and MD sound with an optional changer.

You can use this unit with the FM receiver of your car audio.

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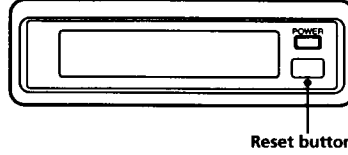
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## Resetting the display

Before operating the unit for the first time or after replacing the car battery, you must reset the display. Press the reset button with a pointed object, such as a ball-point pen.

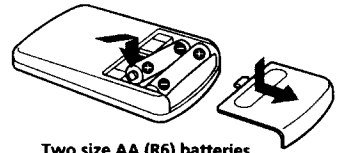


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**Note**  
Pressing the reset button will erase all the memorized programs.

## Preparing the wireless remote

### Installing the batteries



Two size AA (R6) batteries

Battery life is approx. six months although it depends on use.

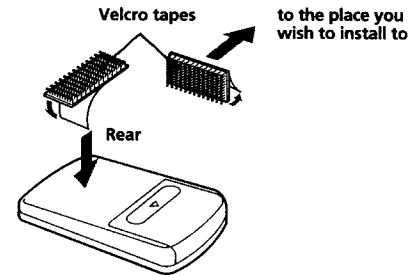
### Notes on batteries

To avoid damage from battery leakage and subsequent corrosion:

- insert the batteries by matching the "+" and "-" on the batteries to the "+" and "-" in the battery compartment.
- do not use an old battery with a new one, or different types of batteries together.
- remove the batteries when you do not use the unit for a long period of time.
- do not charge the batteries.

If any battery leakage occurs, replace the batteries with new ones after cleaning the battery compartment.

### Mounting the wireless remote



Install the wireless remote with velcro tape in the desired place.

### Notes

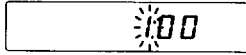
- Do not install or leave the wireless remote in a location near any heat sources, or in a place subject to direct sunlight (especially on the dashboard in summer etc.).
- When you park your car in direct sunlight, detach the wireless remote and place it in a location such as the glove-box, where it will not be subjected to direct sunlight.
- Before installing the wireless remote, be sure to check whether you can remote-control the system from the place where you intend to install the wireless remote.
- Clean the surface before attaching the velcro tape.

## Setting the clock

The clock has a 12-hour digital indication.

Example: To set the clock to 10:08

- 1 Turn the ignition key to the ON position.
- 2 Press **(DSPL/CLOCK SET)** for more than two seconds.



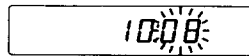
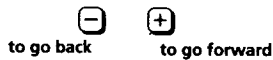
The digit flashes.

- 1 Press **(-)** or **(+)** to set the hour.

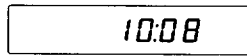


- 2 Press **(ENTER/DELETE)**.

- 3 Press **(-)** or **(+)** to set the minute.



- 3 Press **(DSPL/CLOCK SET)**.



The clock starts.

### Note

When the POWER SELECT switch on the hideaway unit is set to the "OFF" position, the clock display will not appear on the display unit even if the ignition of your car is turned on. In such a case, press the POWER switch of the display unit and play a disc. Then follow steps 2 to 3.

## Changing the transmitting frequency

Because this unit processes CD/MD playback sound through an FM tuner, there may be interference noise during CD/MD playback. In this case change the frequency of the modulated RF signal transmitted from the hideaway unit. The initial setting is 88.3 MHz.

- 1 Press **(ENTER/DELETE)** for more than two seconds.

- 2 Press either **(-)** or **(+)** to select the frequency.

Each time you press **(+)**, the frequencies change as follows:

88.3 MHz → 88.5 MHz → 88.7 MHz →  
88.9 MHz → 89.1 MHz → 89.3 MHz →  
89.5 MHz → 89.7 MHz → 89.9 MHz

If you press **(-)**, the frequencies will be displayed in reverse order.

- 3 Press **(ENTER/DELETE)** for more than two seconds.

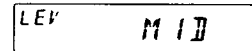
### Notes

- Be sure to set the frequency of your FM tuner to that of the newly selected frequency.
- You can set the frequency, during CD/MD playback.

## Changing the output level

- 1 Press **(ENTER/DELETE)** for more than two seconds.

- 2 Press **(ENTER/DELETE)** again.



Initial setting

- 3 Press **(-)**, **(+)** to select the output level.

LOW ↔ MID ↔ HIGH

- 4 Press **(ENTER/DELETE)** for more than two seconds.

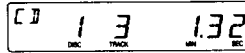
### Note

You can change the output level, during CD/MD playback.



## Playing a CD or MD

- 1 Turn on the FM tuner of the car audio.
- 2 Adjust the selected frequency by the wireless remote.  
(88.3 MHz, 88.5 MHz, 88.7 MHz, 88.9 MHz, 89.1 MHz, 89.3 MHz, 89.5 MHz, 89.7 MHz or 89.9 MHz)
- 3 Press the **(POWER)** on the display.  
CD/MD playback start.



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If the power is already turned on, CD/MD playback starts automatically when you press **(MD/CD)**.

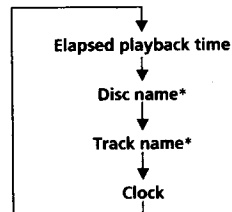
### Notes

- When you use a CD changer, "CD" appears in the display. If you use an MD changer, "MD" appears in the display.
- If the POWER SELECT switch on the hideaway unit is set to the OFF position and the display on the display unit is turned off, you will not be able to start CD/MD playback with the wireless remote. In this case, press **(POWER)** on the display unit.

- 4 Adjust the volume with the volume control on the car audio.  
All the tracks play from the beginning.

### Changing the display item

Each time you press **(DSPL/CLOCK SET)** during CD/MD playback, the item changes as follows:



\* If you have not labeled the disc, "\*\*\*\*\*" or "NO NAME" appears in the display.

**6**

If you play an MD or CD TEXT disc, the track name appears in the display.

You can label CD and CD TEXT discs with a personalized name using the disc memo function, refer to "Labeling a CD" (page 9). However, if you use personalized labels, they will always take priority over the original CD TEXT information when such information is displayed.

### Note

If the name of the MD or CD TEXT disc is too long, you can scroll it across the display by pressing **(SCROLL)**.

### Stopping CD/MD playback

Press either **(POWER)** on the display or **(OFF)** on the wireless remote.

### Notes

- When CD/MD playback is stopped, you may hear some noise from the speakers. To prevent this from happening, turn the volume down before stopping CD/MD playback.
- If you turn off the ignition switch of your car without stopping CD/MD playback, it will automatically resume CD/MD playback from where it was stopped the next time you turn on the ignition switch.

### Listening to the radio or a tape

Be sure to stop CD/MD playback before you start listening to the radio or a tape.

### Note

Be sure to stop CD/MD playback, otherwise there may be some interference with radio reception.

## Playing tracks in random order

— Shuffle play

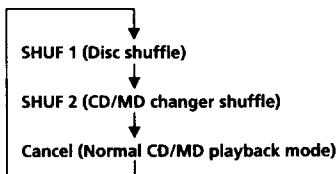
### To play the current disc in random order

Press **(SHUF)** during CD/MD playback to get the "SHUF 1" indication.

### To play all the discs in the changer in random order

Press **(SHUF)** during CD/MD playback to get the "SHUF 2" indication.

The function of **(SHUF)** changes cyclically as follows:



## Playing tracks repeatedly

— Repeat play

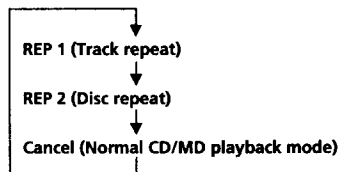
### To repeat a track

Press **(REPEAT)** during CD/MD playback to get the "REP 1" indication.

### To repeat a disc

Press **(REPEAT)** during CD/MD playback to get the "REP 2" indication.

The function of **(REPEAT)** changes cyclically as follows:

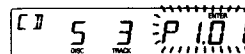


## Creating a program

(CD changer or MD changer with program memory function)

You can preselect the tracks you want to hear and the order in which you want them to be played back. This function is divided into Program 1 and Program 2, each allowing you to preselect up to 12 tracks. Furthermore, once a program is registered, the track order is preserved. Changing the disc order in an optionally connected changer will not affect the order in which the tracks have been set for playback.

### 1 Press **(PGM/EDIT)** for more than two seconds.

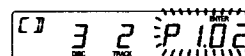
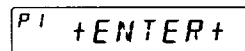


Program 1 Configuration Indicator

To configure Program 2, press **(PGM/EDIT)** repeatedly until Program 2 configuration indication appears.

### 2 Play the track you want to enter into memory.

### 3 Press **(ENTER/DELETE)** momentarily.



### 4 To continue entering tracks, repeat steps 2 and 3.

### 5 When you are finished entering tracks, press **(PGM/EDIT)** for more than two seconds.

#### Notes

- When a CD changer without program memory function is connected, pressing **(PGM/EDIT)** for more than two seconds will not cause the system to enter the program edit mode.
- "\*\*\*WAIT\*\*\*" appears on the display when the input tracks data has not yet been read into the memory, or when a disc has not been put into the unit.
- "\*\*\*FULL\*\*\*" appears on the display when you try to input more than 12 tracks into a program at one time.

### Playing the stored program

Press **(PGM/EDIT)** to designate the program(s) you wish to play.

The function of **(PGM/EDIT)** changes cyclically as follows:

#### Program1 Playback

PGM 1



#### Program2 Playback

PGM 2



#### Program1 and 2 Playback

PGM 1+2



PGM OFF

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#### Notes

- If neither Program 1 or Program 2 have been input in memory, "NO DATA" will appear on the display.
- If a track stored into program memory is not contained in the disc magazine, this track will be skipped and the next track will be played.
- When the disc magazine in the CD changer contains no tracks stored into program memory, or when information about program memory-stored tracks has not been loaded yet, "NO READY" will be displayed.

### Erasing the entire program

- 1 Press **(PGM/EDIT)** for more than two seconds.

CD 5 3 P.108

Program1 Configuration Indicator

- 2 Press **(-)** to get following indication.

DEL -- PGM 1 --

If no track is stored into PGM1, this indication will not appear.  
To delete Program 2, press **(PGM/EDIT)** repeatedly until Program 2 is displayed.

- 3 Press **(ENTER/DELETE)** for more than two seconds.

P1 NO DATA

All programmed tracks will be erased completely.

- 4 When you are finished erasing programs, press **(PGM/EDIT)** for more than two seconds.

### Adding tracks to the program

- 1 Press **(PGM/EDIT)** for more than two seconds.

If you wish to insert tracks into Program 2, press **(PGM/EDIT)** repeatedly until Program 2 configuration indication appears.

- 2 Press **(-)**, **(+)** to designate the track slot number in which you wish to insert a track.

CD 5 3 P.108

Program1 Configuration Indicator

- 3 Play the track you wish to insert.

- 4 Press **(ENTER/DELETE)** momentarily to enter the track.

The current track in that slot number and the succeeding tracks will shift down.

- 5 To continue inserting tracks, repeat steps 2 through 4.

- 6 When you are finished inserting tracks, press **(PGM/EDIT)** for more than two seconds.

#### Notes

- "\*\*\*WAIT\*\*\*" appears in the display while the unit is reading the data.
- Once all 12 slots have been filled, "\*\*\*FULL\*\*\*" will appear on the display and it will not be possible to insert more tracks.

### Erasing tracks

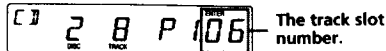
- 1 Press **(PGM/EDIT)** for more than two seconds.

CD 5 3 P.108

Program1 Configuration Indicator



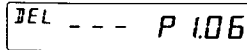
- 2 Press  $\ominus$ ,  $\oplus$  to designate which track you wish to erase (shown on the display).



The track currently registered in slot 6 of Program1.

- 3 Once designated, press **ENTER/DELETE** for more than two seconds. The track will be erased.

New track in slot 6



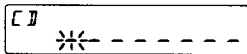
When you erase a registered track from a slot number, the succeeding registered tracks will shift up to fill the gap.

- 4 To continue erasing tracks, repeat steps 2 and 3.
- 5 When you are finished erasing tracks, press **PGM/EDIT** for more than two seconds.

## Labelling a CD — Disc Memo (CD changer with custom file function)

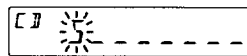
You can label each disc with a personalized label.

- 1 Press **NAME LIST/NAME EDIT** for more than two seconds.



- 2 Input the characters.

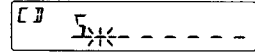
- 1 Press  $\oplus$  or  $\ominus$  to select the desired characters.  
(A → B → C → ... Z → 0 → 1 → 2 → ... 9 → + → - → / → \ → < → > → \_ → ...)



Press  $\oplus$  to display the available characters. If you press  $\ominus$ , the characters will be displayed in reverse order. If you wish to put a blank space after a character, select “\_” (under-bar).

**An alternative method to erase a title**  
You can erase a title by selecting eight “\_”s (under-bar).

- 2 Press **ENTER/DELETE** after locating the desired character. The flashing cursor moves to the next space.

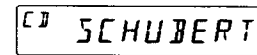


- 3 Repeat steps 1 and 2 to enter the entire title. Up to eight characters can be entered per disc.

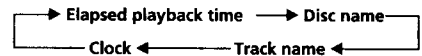
- 3 To return to the normal CD playback mode, press **NAME LIST/NAME EDIT** for more than two seconds.

## Displaying the disc memo

Press **DSPL/CLOCK SET** during CD playback.



Each time you press **DSPL/CLOCK SET** during CD playback, the display changes as follows:



### Notes

- If you use personalized labels, they will always take priority over the original CD TEXT information when such information is displayed.
- “\*\*WAIT\*\*” appears in the display while the unit is reading the data.

## Erasing the disc memo

- 1 Play the CD and press **NAME LIST/NAME EDIT** for more than two seconds.
- 2 Press **DSPL/CLOCK SET** for more than two seconds.
- 3 Press  $\oplus$  or  $\ominus$  to select the title that you wish to erase.
- 4 Press **ENTER/DELETE** for more than two seconds. The title is erased. Repeat steps 3 and 4 if necessary.

continue to next page →

- 5** Press **(NAME LIST/NAME EDIT)** for more than two seconds.  
The unit returns to the normal CD playback mode.

## Locating a disc by name

### — List-up (CD changer with custom file function)

This function can be performed after discs have been assigned a personalized label. For more information on disc labels, refer to page 9.

- 1** Press **(NAME LIST/NAME EDIT)** momentarily.  
The name assigned to the disc currently playing will appear on the display.



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#### Note

This function may not work when a changer without list up feature is connected.

- 2** Pressing **(NAME LIST/NAME EDIT)** continuously will display in order the titles.

#### Notes

- If there are no discs in the magazine, "NO DISC" will appear on the display.
- If a disc has not been assigned a personalized label, "\*\*\*\*\*" will appear on the display.
- If the disc information has not been read in by the unit, "NOT READ" will appear on the display. If the disc information has not been loaded into the unit, "NOT READ" will appear on the display. To execute loading, first push **(DISC)**, then choose the disc that has not been loaded.

- 3** When you have found the desired disc, press **(DISC)** to playback the disc (Direct search function).

#### Note

You can still execute the direct search function even if the "\*\*\*\*\*" message appears on the display (unnamed disc).

## Precautions

- If your car was parked in direct sunlight resulting in a considerable rise in temperature inside the car, allow the system to cool down before operating it.
- If no power is being supplied to the system, check the connections first. If everything is in order, check the fuse.
- Avoid installing the system in places:
  - subject to temperatures exceeding 55 °C (131 °F).
  - subject to direct sunlight.
  - near heat sources (such as heaters).
  - exposed to rain or moisture.
  - exposed to excessive dust or dirt.
  - subject to excessive vibration.

If you have any questions or problems concerning your unit that are not covered in this manual, please consult your nearest Sony dealer.

## Maintenance

### Fuse replacement

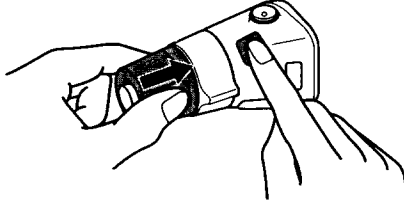
If the fuse blows, check the power connection and replace the fuse. If the fuse blows again after replacement, there may be an internal malfunction. In this case, consult your nearest Sony dealer.

### Warning

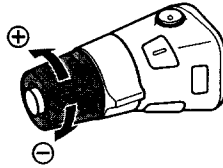
Use the specified amperage fuse.  
Use of a higher amperage fuse may cause serious damage.

## Reversing the operative direction of the rotary commander

You can control this unit with the optional rotary commander (RM-X3S). If the installation position should require it, the operative direction of the AMS, DISC and +/- controls can be reversed. To reverse, press the PGM button for at least two seconds while pressing on the AMS control.

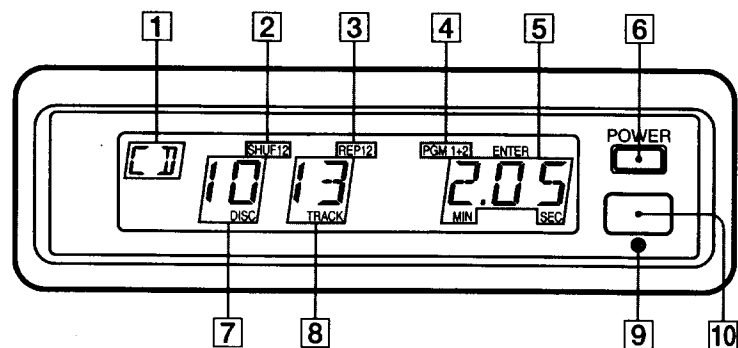


The operative direction of controls is factory preset as in the illustration.



## Location of controls

### Display unit (XA-2)

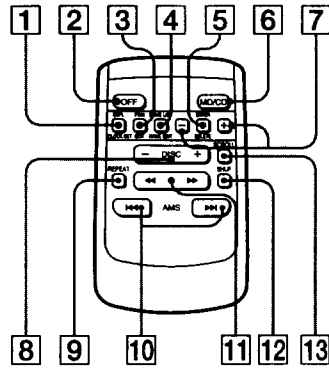


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Refer to the pages for details.

- 1 CD/MD (CD/MD Changer) indication
- 2 SHUF (shuffle play) indication
- 3 REP (repeat play) indication
- 4 PGM (program memory function) indication 7, 8, 9
- 5 Elapsed playing time indication
- 6 POWER switch 6  
Press to turn the system on and off.
- 7 DISC (disc number) indication
- 8 TRACK (track number) indication
- 9 Reset button 4  
Press this button with a ball-point pen etc. when the operation buttons fail to function.
- 10 Infrared receptor for the remote commander

**Wireless remote (RM-X46)**



If you press the function buttons on the remote quickly, the function described above the button will be executed.  
If you press the function buttons for at least two seconds, the functions described below the button will be executed.



Refer to the pages for details.

- 1 **DSPL (display mode change)/CLOCK SET (time set) button 5, 6, 9**
- 2 **OFF button 6**
- 3 **PGM (program memory play)/EDIT (program edit mode) button 7, 8, 9**
- 4 **NAME LIST (list up function/list-up select)/NAME EDIT (name edit mode) button 9, 10**
- 5 **ENTER/DELETE button 5, 7, 8, 9**
- 6 **MD/CD (CD/MD play/CD/MD changer select) button 6**  
When two CD/MD changers are connected, press this button to select a desired CD/MD changer.
- 7 **⊖ ⊕ (character select/program select) button 5, 8, 9**
- 8 **DISC (disc select) button 10**

- 9 **REPEAT (repeat play) button 7**
- 10 **AMS (automatic music sensor) buttons**  
Press either side of the button once during CD/MD playback to search the beginning of a track (AMS function).  
▶▶ side: To locate the beginning of the next track  
◀◀ side: To locate the beginning of the currently playing track  
If you keep the button pressed, the beginnings of either the succeeding or the previous tracks will be located. However, if the beginning or the end of the disc is reached, you will not be able to go any further.  
If you press the AMS button during program memory play, the tracks stored into program memory will be scanned in their order.
- 11 **◀◀▶▶ (reverse•forward) button**  
Press and hold either side of the button during CD/MD playback to search a desired point of a track.  
▶▶ side: To fast forward  
◀◀ side: To fast reverse  
The elapsed playing time of the track will be displayed on the display unit during the manual search.
- 12 **SHUF (shuffle play) button 7**
- 13 **SCROLL button 6**

# Specifications

## Hideaway unit

Frequency	88.3 MHz/88.5 MHz/ 88.7 MHz/88.9 MHz/ 89.1 MHz/89.3 MHz/ 89.5 MHz/89.7 MHz/ 89.9 MHz (switchable)
Dimensions	Approx. 124.8 × 30.0 × 99.8 mm (5 × 1 <sup>3</sup> / <sub>16</sub> × 4 in.) (w/h/d)
Mass	Approx. 330 g (11.64 oz.)

## Wireless remote

Dimensions	Approx. 62.5 × 106 × 18.5 mm (2 <sup>1</sup> / <sub>2</sub> × 4 <sup>1</sup> / <sub>4</sub> × 3 <sup>3</sup> / <sub>4</sub> in.) (w/h/d)
Mass	Approx. 55 g (2 oz.) not incl. batteries

## Display unit

Dimensions	Approx. 120 × 37 × 18.5 mm (4 <sup>3</sup> / <sub>4</sub> × 1 <sup>1</sup> / <sub>2</sub> × 3 <sup>3</sup> / <sub>4</sub> in.) (w/h/d)
Mass	Approx. 115 g (4 oz.)

## General

Supplied accessories	Parts for installation and connections (1 set)
Optional accessories	CD single adaptor CSA-8 Source selector XA-C30 BUS cable (supplied with an RCA pin cord) RC-61 (1 m), RC-62 (2 m)
Optional equipment	CD changer CDX-715, CDX-805, CDX-T62, CDX-T65, etc. MD changer MDX-62 Rotary commander RM-X3S

*Design and specifications are subject to change without notice.*

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## Troubleshooting guide

The following check list will assist in the correction of most problems which you may encounter with your unit.  
Before going through the check list below, refer back to the connection and operating procedures.

### General

Problem	Cause/Solution
The operation buttons do not function.	<ul style="list-style-type: none"><li>• The built-in micro computer has malfunctioned. → Press the reset button on the display unit.</li><li>• The connecting cords are not connected properly.</li><li>• The batteries in the wireless remote are weak.</li><li>• The distance between the wireless remote and the display unit is too far.</li></ul>
The sound skips due to vibration.	<ul style="list-style-type: none"><li>• The CD/MD changer unit is installed in an unstable location. → Re-install it in a stable location.</li><li>• Dirty or defective disc(s). → Clean or replace it/them.</li></ul>

### Error displays

The following indication will flash for about five seconds.

Display	Cause	Solution
<b>NO MAG</b>	The disc magazine is not inserted in the CD changer.	Insert the disc magazine with discs into the CD changer.
<b>NO DISC</b>	No disc is inserted in the CD/MD changer.	Insert the disc in the CD/MD changer.
<b>ERROR</b>	The CD is dirty.	Clean the CD.
	The CD is inserted upside down.	Insert the CD correctly.
<b>RESET</b>	The CD/MD changer cannot be operated because of some problem.	Press the reset button of the display unit.
<b>BLANK</b>	No tracks have been recorded on an MD.	Playback an MD with tracks recorded on it.
<b>NO DISCS</b>	One or more CD or MD from the changer will not play because of some problem.	Insert another CD/MD.

If the above mentioned solutions do not help to improve the situation, consult your nearest Sony dealer.

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