

# FM/AM Digital Media Player

Operating Instructions \_\_\_\_\_ **US**Mode d'emploi \_\_\_\_\_ **FR**Manual de instrucciones \_\_\_\_\_ **ES**

## Owner's Record

The model and serial numbers are located on the bottom of the 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. DSX-S100 Serial No. \_\_\_\_\_

To cancel the demonstration (DEMO) display, see page 6.

Pour annuler l'affichage de démonstration (DEMO), reportez-vous à la page 6.

Para cancelar la pantalla de demostración (DEMO), consulte la página 6.

## DSX-S100



Be sure to install this unit in the dashboard of the car for safety. For installation and connections, see the supplied installation/connections manual.

## Warning

**FOR UNITED STATES CUSTOMERS. NOT APPLICABLE IN CANADA, INCLUDING IN THE PROVINCE OF QUEBEC.**

**POUR LES CONSOMMATEURS AUX ÉTATS-UNIS. NON APPLICABLE AU CANADA, Y COMPRIS LA PROVINCE DE QUÉBEC.**

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:

- 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.

## For the State of California, USA only

Perchlorate Material – special handling may apply. See [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate)  
Perchlorate Material: Lithium battery contains perchlorate



The “HD Radio Ready” logo indicates that this product will control a Sony HD Radio™ tuner (sold separately).

For HD Radio™ tuner operation, please refer to the HD Radio™ tuner Operating Instructions.

HD Radio™ and the HD Radio Ready logo are proprietary trademarks of iBiquity Digital Corp.



The “SAT Radio Ready” logo indicates that this product will control a satellite radio tuner module (sold separately). Please see your nearest authorized Sony dealer for details on the satellite radio tuner module.

“SAT Radio,” “SAT Radio Ready,” the SAT Radio and SAT Radio Ready logos and all related marks are trademarks of Sirius XM Radio Inc. and XM Satellite Radio Inc.

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“WALKMAN” and “WALKMAN” logo are registered trademarks of Sony Corporation.



Windows Media and the Windows logo are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries.

iPod is a trademark of Apple Inc., registered in the U.S. and other countries.

MPEG Layer-3 audio coding technology and patents licensed from Fraunhofer IIS and Thomson.

This product is protected by certain intellectual property rights of Microsoft Corporation. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft or an authorized Microsoft subsidiary.

Content providers are using the digital rights management technology for Windows Media contained in this device (“WM-DRM”) to protect the integrity of their content (“Secure Content”) so that their intellectual property, including copyright, in such content is not misappropriated.

This device uses WM-DRM software to play Secure Content (“WM-DRM Software”). If the security of the WM-DRM Software in this device has been compromised, owners of Secure Content (“Secure Content Owners”) may request that Microsoft revoke the WM-DRM Software’s right to acquire new licenses to copy, display and/or play Secure Content. Revocation does not alter the WM-DRM Software’s ability to play unprotected content. A list of revoked WM-DRM Software is sent to your device whenever you download a license for Secure Content from the Internet or from a PC. Microsoft may, in conjunction with such license, also download revocation lists onto your device on behalf of Secure Content Owners.

**Warning if your car’s ignition has no ACC position**

Be sure to set the Auto Off function (page 20).

The unit will shut off completely and automatically in the set time after the unit is turned off, which prevents battery drain.

If you do not set the Auto Off function, press and hold **(SOURCE/OFF)** until the display disappears each time you turn the ignition off.



# Table of Contents

## Getting Started

---

Resetting the unit . . . . .	6
Canceling the DEMO mode . . . . .	6
Preparing the card remote commander . . . . .	6
Setting the clock . . . . .	6
Detaching the front panel . . . . .	7
Attaching the front panel . . . . .	7

## Location of controls and basic operations

---

Main unit . . . . .	8
Card remote commander RM-X151 . . . . .	10
Searching for a track . . . . .	11
Searching a track by name	
— Quick-BrowZer . . . . .	11
Searching a track by listening to track passages	
— ZAPPIN™ . . . . .	12

## Radio

---

Storing and receiving stations . . . . .	12
Storing automatically — BTM . . . . .	12
Storing manually . . . . .	12
Receiving the stored stations . . . . .	13
Tuning automatically . . . . .	13
RDS . . . . .	13
Overview . . . . .	13
Selecting PTY . . . . .	14
Setting CT . . . . .	14

## USB devices

---

Playing back a USB device . . . . .	14
Display items . . . . .	15
Repeat play . . . . .	16
Shuffle play . . . . .	16

## iPod

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Playing back iPod . . . . .	16
Display items . . . . .	17
Repeat play . . . . .	18
Shuffle play . . . . .	18

## Other functions

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Changing the sound settings . . . . .	19
Adjusting the sound characteristics . . . . .	19
Customizing the equalizer curve	
— EQ3 . . . . .	19
Adjusting setup items — SET . . . . .	19
Using optional equipment . . . . .	21
Auxiliary audio equipment . . . . .	21

## Additional Information

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Precautions . . . . .	21
Playback order of MP3/WMA/AAC	
files . . . . .	21
About Device Inside Alert . . . . .	21
About iPod . . . . .	22
Maintenance . . . . .	22
Removing the unit . . . . .	23
Specifications . . . . .	23
Troubleshooting . . . . .	24
Error displays/Messages . . . . .	25

## **Support site**

If you have any questions or for the latest support information on this product, please visit the web site below:

**<http://esupport.sony.com>**

**<http://www.sony.com/mobileAV>**

Provides information on:

- Models and manufacturers of compatible digital audio players
- Supported MP3/WMA/AAC files

## Getting Started

### Resetting the unit

Before operating the unit for the first time, or after replacing the car battery or changing the connections, you must reset the unit.

Detach the front panel (page 7) and press the RESET button (page 8) with a pointed object, such as a ball-point pen.

#### Note

Pressing the RESET button will erase the clock setting and some stored contents.

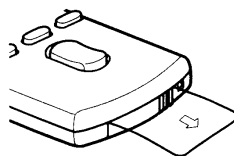
### Canceling the DEMO mode

You can cancel the demonstration display which appears during turning off.

- 1 Press and hold the select button.**  
The setup display appears.
- 2 Press the select button repeatedly until “DEMO” appears.**
- 3 Rotate the control dial to select “DEMO-OFF.”**
- 4 Press and hold the select button.**  
The setup is complete and the display returns to normal reception/play mode.

### Preparing the card remote commander

Remove the insulation film.



#### Tip

For how to replace the battery, see page 22.

### Setting the clock

The clock uses a 12-hour digital indication.

- 1 Press and hold the select button.**  
The setup display appears.
- 2 Press the select button repeatedly until “CLOCK-ADJ” appears.**
- 3 Press +▶▶.**  
The hour indication flashes.

- 4 Rotate the control dial to set the hour and minute.**

To move the digital indication, press -◀◀/▶▶+.

- 5 After setting the minute, press the select button.**

The setup is complete and the clock starts.

To display the clock, press (DSPL). Press (DSPL) again to return to the previous display.

#### Tip

You can set the clock automatically with the RDS feature (page 14).

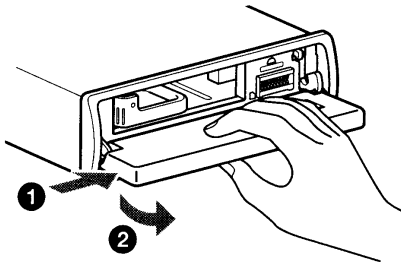
## Detaching the front panel

You can detach the front panel of this unit to prevent theft.

### Caution alarm

If you turn the ignition switch to the OFF position without detaching the front panel, the caution alarm will sound for a few seconds. The alarm will only sound if the built-in amplifier is used.

- 1 Press and hold** **(SOURCE/OFF)**.  
The unit is turned off.
- 2 Press** **(OPEN)**.  
The front panel is flipped down.
- 3 Slide the front panel to the right, then gently pull out the left end of the front panel.**



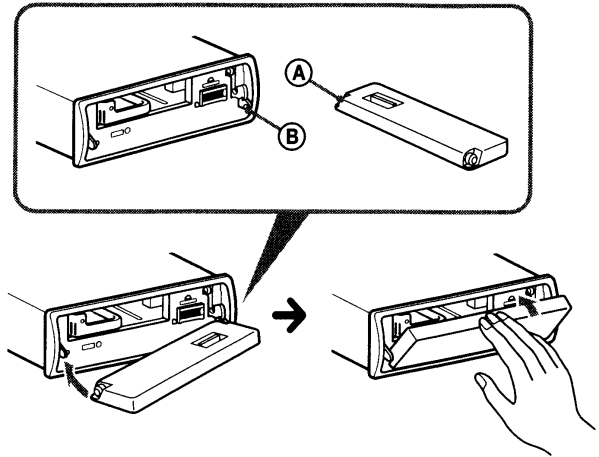
### Notes

- Do not drop or put excessive pressure on the front panel and display window.
- Do not subject the front panel to heat/high temperature or moisture. Avoid leaving it in a parked car or on a dashboard/rear tray.
- If "DEVICE INSIDE" appears in the display or the Device Inside Alert LED flashes, detach the front panel and remove the USB device or iPod.

## Attaching the front panel

Place the hole **(A)** of the front panel onto the spindle **(B)** on the unit, then lightly push the left side in.

Press **(SOURCE/OFF)** on the unit to operate the unit.

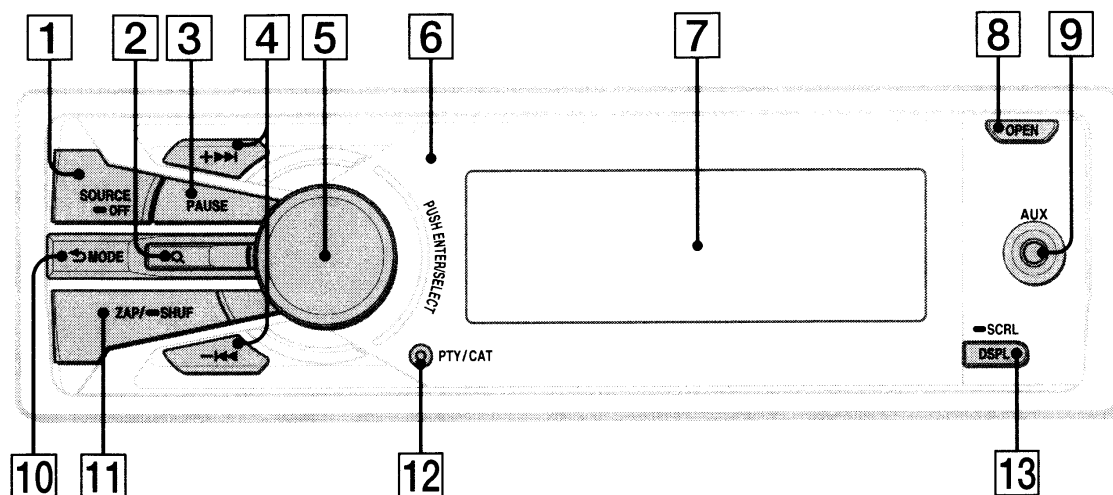


### Note

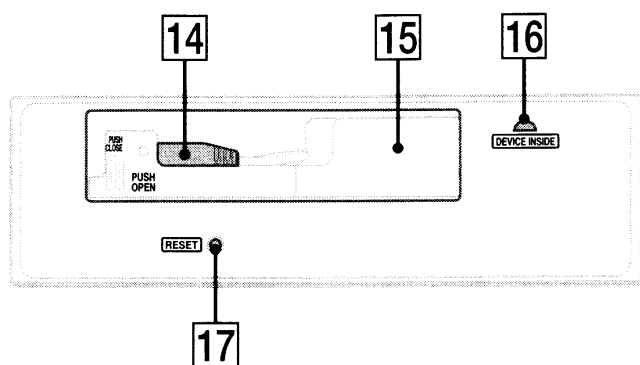
Do not put anything on the inner surface of the front panel.

# Location of controls and basic operations

## Main unit



## Front panel removed



This section contains instructions on the location of controls and basic operations.

For details, see the respective pages.

### 1 SOURCE/OFF button\*1

Press to turn on the power/change the source (Radio/USB/AUX).

Press for 1 second to turn off the power.

Press for 2 seconds or more to turn off the power and the display disappears.

### 2 Q (BROWSE) button\*2 page 11, 13

To list up (Radio); enter the Quick-BrowZer mode (USB).

### 3 PAUSE button

To pause playback. To cancel, press again.

### 4 + >>>I/- I<<< buttons

**Radio:**

To tune in stations automatically (press); find a station manually (press and hold).

**USB:**

To skip tracks (press); skip tracks continuously (press, then press again within about 1 second and hold); fast-forward/reverse a track (press and hold).



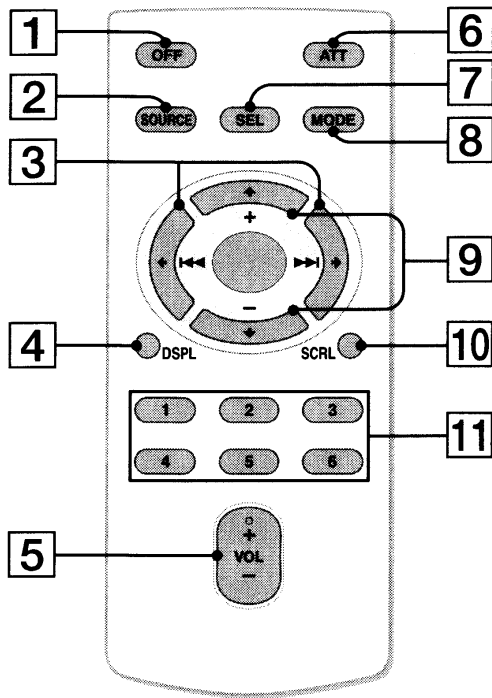
- 5 Control dial/select button** page 19  
To adjust volume (rotate); select setup items (press and rotate).
- 6 Receptor for the card remote commander**
- 7 Display window**
- 8 OPEN button** page 7
- 9 AUX input jack** page 21  
To connect a portable audio device.
- 10 ↶ (BACK)/MODE\*1** page 11, 12, 19  
To return to the previous display/select the radio band (FM/AM).
- 11 ZAP/SHUF button** page 12, 16, 18  
To enter ZAPPIN™ mode (press); select shuffle play mode (press and hold).
- 12 PTY/CAT\*3 button** page 14  
To select PTY in RDS.
- 13 DSPL (display)/SCRL (scroll) button** page 13, 15, 17  
To change display items (press); scroll the display item (press and hold).
- 14 USB connector** (located on the TUNE TRAY) page 15, 16  
To connect to the USB device.
- 15 TUNE TRAY** page 14, 16  
Tray unit to place a USB device or an iPod.
- 16 Device Inside Alert LED** page 21
- 17 RESET button** page 6

\*1 If an HD Radio tuner or SAT tuner is connected: when **(SOURCE/OFF)** is pressed, the connected device ("HD," "XM" or "SR") will appear in the display. Furthermore, if **(MODE)** is pressed, you can switch the HD Radio tuner band or SAT tuner band.

\*2 If an HD Radio tuner or SAT tuner is connected: the list will include the HD Radio or SAT Radio accordingly.

\*3 When the SAT tuner is connected.

## Card remote commander RM-X151



Remove the insulation film before use (page 6).

- 1 OFF button**  
To turn off; stop the source.
- 2 SOURCE button\*1**  
To turn on; change the source (Radio/USB/AUX).
- 3 ← (|<<)/→ (|>>) buttons**  
To control Radio/USB, the same as -|<<| / +|>>| on the unit.  
Setup, sound setting, etc., can be operated by ← →.
- 4 DSPL (display) button**  
To change display items.
- 5 VOL (volume) +\*2/- button**  
To adjust volume.
- 6 ATT (attenuate) button**  
To attenuate the sound. To cancel, press again.
- 7 SEL (select) button**  
The same as the select button on the unit.
- 8 MODE button\*1**  
Press to select the radio band (FM/AM).
- 9 ↑ (+)/↓ (-) buttons**  
To control USB, skip albums.  
Setup, sound setting, etc., can be operated by ↑ ↓.
- 10 SCRL (scroll) button**  
To scroll the display item.
- 11 Number buttons**  
To receive stored stations (press); store stations (press and hold).

\*1 If an HD Radio tuner or SAT tuner is connected:  
when (SOURCE) is pressed, the connected device ("HD," "XM" or "SR") will appear in the display.  
Furthermore, if (MODE) is pressed, you can switch the HD Radio tuner band or SAT tuner band.

\*2 This button has a tactile dot.

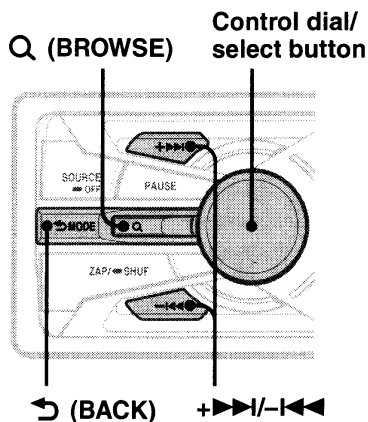
### Note

If the unit is turned off and the display disappears, it cannot be operated with the card remote commander unless (SOURCE/OFF) on the unit is pressed to activate the unit first.

## Searching for a track

### Searching a track by name — Quick-BrowZer

You can search for a track in a USB device easily by category.



- 1 Press Q (BROWSE).**  
The unit enters the Quick-BrowZer mode, and the list of search categories appears.
- 2 Rotate the control dial to select the desired search category, then press it to confirm.**
- 3 Repeat step 2 until the desired track is selected.**  
Playback starts.

**To return to the previous display**  
Press ↶ (BACK).

**To exit the Quick-BrowZer mode**  
Press Q (BROWSE).

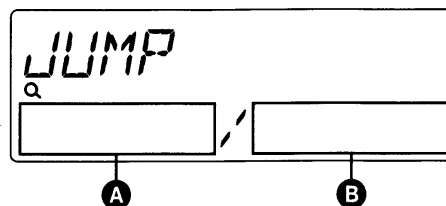
#### Note

When entering the Quick-BrowZer mode, the repeat/shuffle setting is canceled.

### Searching by skip items — Jump mode

When many items are in a category, you can search the desired item quickly.

- 1 Press +▶▶ in Quick-BrowZer mode.**  
The following display appears.



- A** Current item number
- B** Total item number in the current layer

Then the item name will appear.

- 2 Rotate the control dial to select the desired item, or one near the desired item.**  
It skips in steps of 10% of the total item number.
- 3 Press the select button.**  
The display returns to the Quick-BrowZer mode and the selected item appears.
- 4 Rotate the control dial to select the desired item and press it.**  
Playback starts if the selected item is a track.

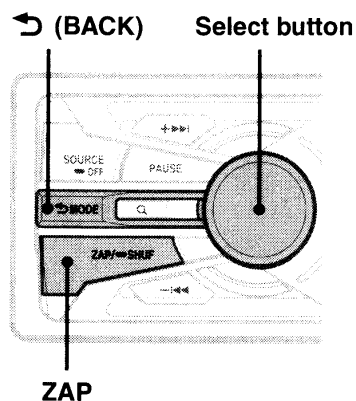
#### To cancel Jump mode

Press ↶ (BACK) or -◀◀.

## Searching a track by listening to track passages — ZAPPIN™

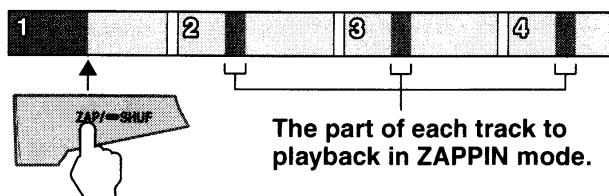
While playing back short track passages in a USB device in sequence, you can search for a track you want to listen to.

ZAPPIN mode is suitable for searching for a track in shuffle or shuffle repeat mode.



- 1 Press **ZAP/SHUF** during playback. After “ZAPPIN” appears in the display, playback starts from a passage of the next track. The passage is played for the set time, then a click sounds and the next passage starts.

### Track



- 2 Press the select button or **ZAP/SHUF** when a track you want to listen is played back. The track that you select returns to normal play mode from the beginning. To search a track by ZAPPIN mode again, repeat steps 1 and 2.

### Tips

- You can select the playback time from about 6 seconds/15 seconds/30 seconds (page 20). You cannot select the passage of the track to playback.
- Press **+>>>/-<<<** in ZAPPIN mode to skip a track.
- Pressing **↶ (BACK)** also confirms a track to playback.

## Radio

### Storing and receiving stations

#### Caution

When tuning in stations while driving, use Best Tuning Memory (BTM) to prevent an accident.

#### Storing automatically — BTM

- 1 Press **SOURCE/OFF** repeatedly until “TUNER” appears. To change the band, press **MODE** repeatedly. You can select from FM1, FM2, FM3, AM1 or AM2.
- 2 Press and hold the select button. The setup display appears.
- 3 Press the select button repeatedly until “BTM” appears.
- 4 Press **+>>>**. The unit stores stations in order of frequency in the preset list. A beep sounds when the setting is stored.

#### Storing manually

- 1 While receiving the station that you want to store, press **Q (BROWSE)**. The preset list appears.
  - 2 Rotate the control dial to select the preset number.
  - 3 Press and hold the select button until “MEMORY” appears.
- (with the card remote commander)
- 1 While receiving the station that you want to store, press and hold a number button (**①** to **⑥**) until “MEMORY” appears.

#### Note

If you try to store another station on the same number button, the previously stored station will be replaced.

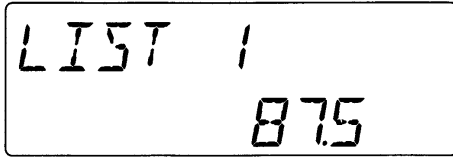
## Receiving the stored stations

You can select a station to receive via a list.

### 1 Select the band, then press Q (BROWSE).

The preset list appears.

### 2 Rotate the control dial until the desired station appears.



### 3 Press the select button to receive the station.

The display returns to normal reception mode.

(with the card remote commander)

### 1 Select the band, then press a number button (1 to 6).

## Tuning automatically

### 1 Select the band, then press +>>>/<<< to search for the station.

Scanning stops when the unit receives a station. Repeat this procedure until the desired station is received.

#### Tip

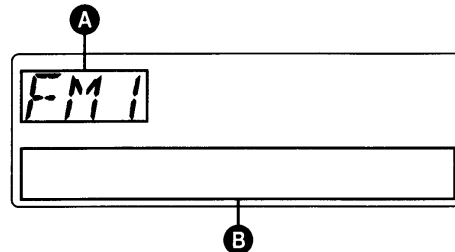
If you know the frequency of the station you want to listen to, press and hold +>>>/<<< to locate the approximate frequency, then press +>>>/<<< repeatedly to fine adjust to the desired frequency (manual tuning).

## RDS

### Overview

FM stations with Radio Data System (RDS) service send inaudible digital information along with the regular radio program signal.

### Display items



**A** Radio band, Function, Frequency, Preset number

**B** Program service name, Clock, Frequency\*, Preset number

\* While receiving the RDS station, "\*" is displayed on the left of the frequency indication.

To change display items **A**, **B**, press **(DSPL)**.

### RDS services

This unit automatically provides RDS services as follows:

#### PTY (Program Types)

Displays the currently received program type. Also searches your selected program type.

#### CT (Clock Time)

The CT data from the RDS transmission sets the clock.

#### Notes

- Depending on the country/region, not all RDS functions may be available.
- RDS will not work if the signal strength is too weak, or if the station you are tuned to is not transmitting RDS data.

## Selecting PTY

- 1 Press **(PTY)** during FM reception.



The current program type name appears if the station is transmitting PTY data.

- 2 Press **(PTY)** repeatedly until the desired program type appears.

- 3 Press **+>>>/-<<<**.

The unit starts to search for a station broadcasting the selected program type.

## Type of programs

**NEWS** (News), **INFORM** (Information), **SPORTS** (Sports), **TALK** (Talk), **ROCK** (Rock), **CLS ROCK** (Classic Rock), **ADLT HIT** (Adult Hits), **SOFT RCK** (Soft Rock), **TOP 40** (Top 40), **COUNTRY** (Country), **OLDIES** (Oldies), **SOFT** (Soft), **NOSTALGA** (Nostalgia), **JAZZ** (Jazz), **CLASSICL** (Classical), **R AND B** (Rhythm and Blues), **SOFT R B** (Soft Rhythm and Blues), **LANGUAGE** (Foreign Language), **REL MUSC** (Religious Music), **REL TALK** (Religious Talk), **PERSNLTY** (Personality), **PUBLIC** (Public), **COLLEGE** (College), **WEATHER** (Weather)

### Notes

- You cannot use this function in countries/regions where no PTY data is available.
- You may receive a different radio program from the one you select.

## Setting CT

- 1 Set "CT-ON" in setup (page 20).

### Notes

- The CT function may not work even though an RDS station is being received.
- There might be a difference between the time set by the CT function and the actual time.

## USB devices

For details on the compatibility of your USB device, visit the support site.

### Support site

<http://esupport.sony.com>  
<http://www.sony.com/mobileAV>

- MSC (Mass Storage Class) and MTP (Media Transfer Protocol) type USB devices compliant with the USB standard can be used.
- Corresponding codec is MP3 (.mp3), WMA (.wma) and AAC (.m4a).
- Backup of data in a USB device is recommended.

### Notes

- Connect the USB device after starting the engine. Depending on the USB device, malfunction or damage may occur if it is connected before starting the engine.
- Do not place a cellular phone or a device with wireless communication functions on the TUNE TRAY, as it may not receive phone signals or communication may be terminated.
- Do not leave a USB device in a parked car, as malfunction may result.

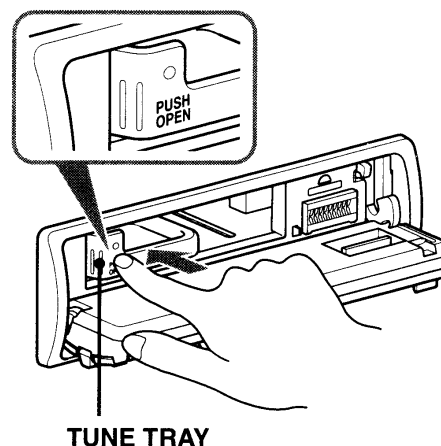
## Playing back a USB device

- 1 Press **(OPEN)**.

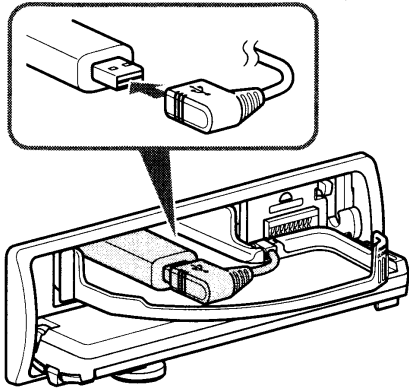
The front panel is flipped down.

- 2 Press **PUSH OPEN** on the TUNE TRAY.

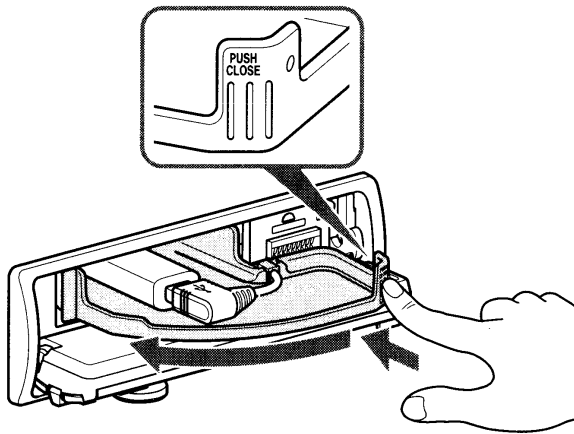
The TUNE TRAY opens slowly.



### 3 Connect the USB device to the USB connector.



### 4 Slide in the TUNE TRAY by pressing CLOSE on the TUNE TRAY until it locks shut.



### 5 Close the front panel.

Playback starts.

If a USB device is already connected, to start playback, press **(SOURCE/OFF)** repeatedly until "USB" appears.

Press **(SOURCE/OFF)** for 1 second to stop playback.

### Removing the USB device

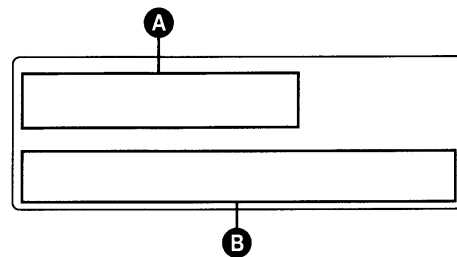
- 1 Stop the USB device playback.
- 2 Press **(OPEN)**.
- 3 Press **PUSH OPEN** on the TUNE TRAY.
- 4 Remove the USB device.
- 5 Slide in the TUNE TRAY, and close the front panel.

#### Notes

- Do not remove the USB device during playback, otherwise USB data may be damaged.
- Do not place non-USB devices on the TUNE TRAY, or foreign objects, such as coins, keys, cards, liquids, etc.
- Do not place a flammable object such as a lighter on the TUNE TRAY, as this may cause smoke, fire, or other accident.
- Capacity of the tray: Approx. 65 × 17 × 118 mm (2<sup>9</sup>/<sub>16</sub> × 2<sup>1</sup>/<sub>32</sub> × 4<sup>5</sup>/<sub>8</sub> in) (w/h/d)

- If the size of the USB device alone or combined with the USB cable cannot be placed easily in the TUNE TRAY, the device may be exceeding the tray capacity.  
Do not slide in the TUNE TRAY or the USB cable forcefully.
- For "WALKMAN" users, use of the optional adaptor XA-50WM is recommended. It is designed for use with this unit only, and should not be used with the other USB devices.
- This unit cannot recognize USB devices via a USB hub.
- Slide in the TUNE TRAY and close the front panel before playback, as damage may result in the case of an obstruction in the car, etc.
- If the front panel does not fully open because of the dashboard shape at the installation position, detach the front panel and open the TUNE TRAY manually. For how to detach the front panel, see page 7.
- It is extremely dangerous to connect or remove the USB device while driving.

### Display items



- A** Source, Track name, Artist name, Album name
- B** Track name, Artist name, Album number\*, Album name, Track number/Elapsed playing time, Clock

\* Album number is displayed only when the album is changed.

To change display items **A**, **B**, press **(DSPL)**.

#### Notes

- Displayed items will differ, depending on the USB device, recorded format and settings. For details, visit the support site.
- The maximum number of displayable data is as follows.
  - folders (albums): 128
  - files (tracks) per folder: 500
- It may take time for playback to begin, depending on the amount of recorded data.
- DRM (Digital Rights Management) files may not be played.
- During playback or fast-forward/reverse of a VBR (Variable Bit Rate) MP3/WMA/AAC file, elapsed playing time may not display accurately.
- Playback of the following MP3/WMA/AAC files is not supported.
  - lossless compression
  - copyright-protected

## Repeat play

- 1 During playback, press and hold the **select button**.

The setup display appears.

- 2 Press the **select button** repeatedly until the “REPEAT” appears.

- 3 Rotate the control dial to select the **play mode**.

- 4 Press and hold the **select button**.

The setup is complete and the display returns to normal play mode.

Select	To play
REPEAT-TRK	track repeatedly.
REPEAT-ALB	album repeatedly.

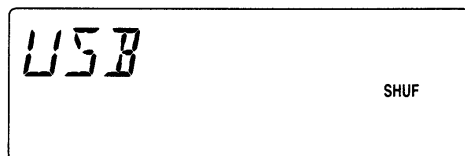
To return to normal play mode, select “REPEAT-OFF.”

## Shuffle play

- 1 During playback, press and hold **(ZAP/SHUF)**.

The lower half of the display starts flashing.

- 2 Press **(ZAP/SHUF)** repeatedly until the desired setting appears.



Select	To play
ALBUM	album in random order.
DEVICE	device in random order.

After 3 seconds, the setting is complete.

To return to normal play mode, select “OFF.”

## iPod

For details on the compatibility of your iPod, see “About iPod” on page 22 or visit the support site.

In these Operating Instructions, “iPod” is used as a general reference for the iPod functions on the iPod and iPhone, unless otherwise specified by the text or illustrations.

### Support site

<http://esupport.sony.com>

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

### Notes

- Do not place a cellular phone or a device with wireless communication functions on the TUNE TRAY, as it may not receive phone signals or communication may be terminated.
- Do not leave an iPod in a parked car, as malfunction may result.

## Playing back iPod

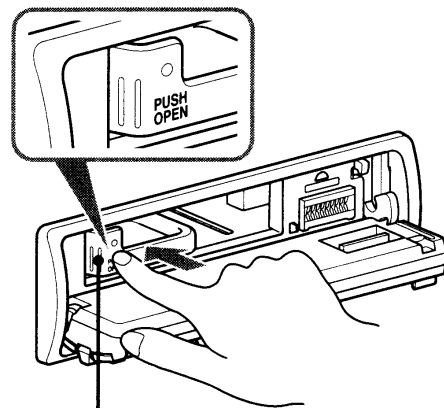
Before connecting the iPod, turn down the volume of the unit.

- 1 Press **(OPEN)**.

The front panel is flipped down.

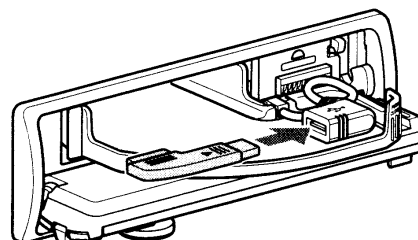
- 2 Press **PUSH OPEN** on the TUNE TRAY.

The TUNE TRAY opens slowly.



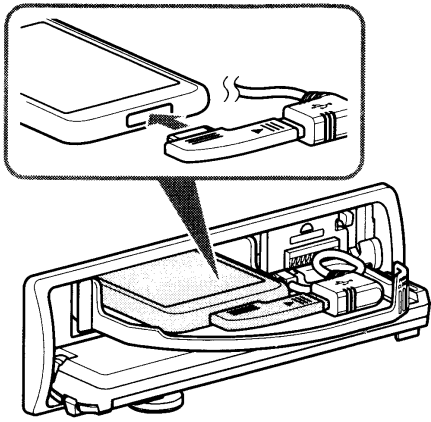
TUNE TRAY

- 3 Connect the supplied adaptor to the USB connector.

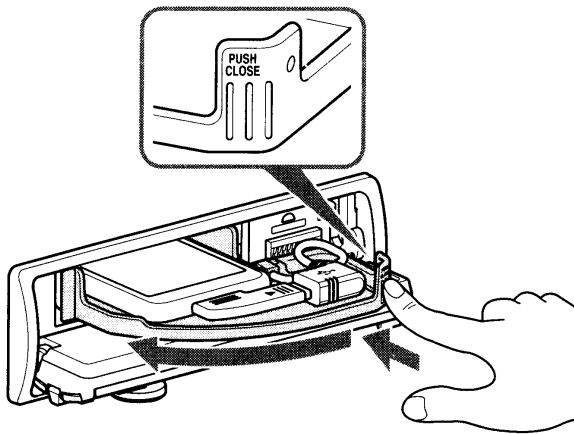




**4 Connect the iPod to the supplied adaptor.**

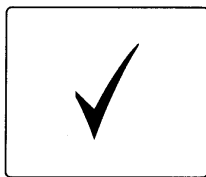


**5 Slide in the TUNE TRAY by pressing CLOSE on the TUNE TRAY until it locks shut.**



**6 Close the front panel.**

The iPod will turn on automatically, and the display will appear on the iPod screen as below.\*



The tracks on the iPod start playing automatically from the point last played. If an iPod is already connected, to start playback press **(SOURCE/OFF)** repeatedly until "USB" appears. ("IPOD" appears in the display when iPod is recognized.)

\* Display differs depending on the iPod, or may not appear in the case of an iPod touch being connected.

**7 Adjust the volume.**

Press **(SOURCE/OFF)** for 1 second to stop playback.

**Removing the iPod**

- 1 Stop the iPod playback.
- 2 Press **(OPEN)**.
- 3 Press **PUSH OPEN** on the TUNE TRAY.
- 4 Remove the iPod.
- 5 Slide in the TUNE TRAY, and close the front panel.

**Notes**

- Do not remove the iPod during playback, otherwise data may be damaged.
- Do not place non-iPod devices on the TUNE TRAY, or foreign objects, such as coins, keys, cards, liquids, etc.
- Do not place a flammable object such as a lighter on the TUNE TRAY, as this may cause smoke, fire, or other accident.
- For iPod users, use the supplied adaptor XA-50IP. It is designed for use with this unit only, and should not be used with the other USB devices.
- This unit cannot recognize iPod via a USB hub.
- Slide in the TUNE TRAY and close the front panel before playback, as damage may result in the case of an obstruction in the car, etc.
- If the front panel does not fully open because of the dashboard shape at the installation position, detach the front panel and open the TUNE TRAY manually. For how to detach the front panel, see page 7.
- It is extremely dangerous to connect or remove the iPod while driving.

**Tips**

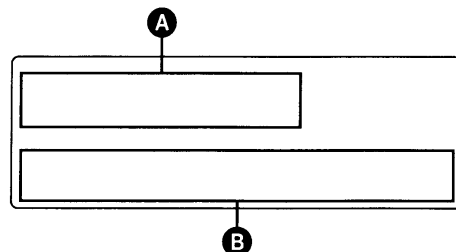
- When the ignition key is turned to the ACC position, and the unit is on, the iPod will be recharged.
- If the iPod is disconnected during playback, "NO DEV" appears in the display of the unit.

**Resuming mode**

When the iPod is connected, the mode of this unit changes to resuming mode and playback starts in the mode set by the iPod.

In resuming mode, repeat/shuffle play does not function.

**Display items**



- A** Source, Track name, Artist name, Album name
- B** Track name, Artist name, Album name, Track number/Elapsed playing time, Clock

To change display items **A**, **B**, press **(DSPL)**.

**Tip**

When album/podcast/genre/artist/playlist is changed, its item number appears momentarily.

**Note**

Some letters stored in iPod may not be displayed correctly.

After 3 seconds, the setting is complete.

To return to normal play mode, select “OFF.”

---

## Repeat play

- 1 During playback, press and hold the select button.**

The setup display appears.

- 2 Press the select button repeatedly until the “REPEAT” appears.**

- 3 Rotate the control dial to select the play mode.**

- 4 Press and hold the select button.**

The setup is complete and the display returns to normal play mode.

Select	To play
REPEAT-TRK	track repeatedly.
REPEAT-ALB	album repeatedly.
REPEAT-PCS	podcast repeatedly.
REPEAT-ART	artist repeatedly.
REPEAT-PLY	playlist repeatedly.
REPEAT-GNR	genre repeatedly.

To return to normal play mode, select “REPEAT-OFF.”

---

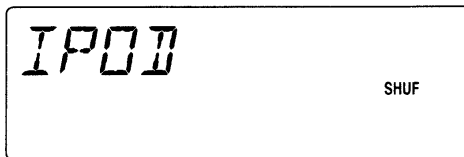
## Shuffle play

- 1 During playback, press and hold**

**ZAP/SHUF**.

The lower half of the display starts flashing.

- 2 Press ZAP/SHUF repeatedly until the desired setting appears.**



Select	To play
ALBUM	album in random order.
PODCAST	podcast in random order.
ARTIST	artist in random order.
PLAYLIST	playlist in random order.
GENRE	genre in random order.
DEVICE	device in random order.

## Other functions

### Changing the sound settings

#### Adjusting the sound characteristics

- 1 Press the select button repeatedly until the desired item appears.
- 2 Rotate the control dial to adjust the selected item.
- 3 Press **↵** (BACK).  
The setting is complete and the display returns to normal reception/play mode.

The following items can be set (follow the page reference for details):

#### EQ3

Selects an equalizer curve from 7 music types (XPLOD, VOCAL, EDGE, CRUISE, SPACE, GRAVITY, CUSTOM or OFF).

#### DSO (Dynamic Soundstage Organizer)

Creates a more ambient sound field.

To select the DSO mode: "1," "2," "3" or "OFF."  
The larger the number, the more enhanced the effect.

#### LOW\*1, MID\*1, HIGH\*1 (page 19)

#### BALANCE

Adjusts the sound balance between the left and right speakers.

#### FADER

Adjusts the relative level between the front and rear speakers.

#### SUB\*2 (Subwoofer volume)

Adjusts the subwoofer volume.

#### AUX LV\*3 (AUX level)

Adjusts the volume level for each connected auxiliary equipment: "+18 dB" – "0 dB" – "-8 dB."

This setting negates the need to adjust the volume level between sources.

\*1 When EQ3 is activated.

\*2 When the audio output is set to "SUB-OUT" (page 20).

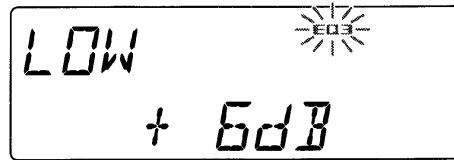
"ATT" is displayed at the lowest setting, and can be adjusted up to 21 steps.

\*3 When AUX source is activated (page 21).

### Customizing the equalizer curve — EQ3

"CUSTOM" of EQ3 allows you to make your own equalizer settings.

- 1 Select a source, then press the select button repeatedly to select "EQ3."
- 2 Rotate the control dial to select "CUSTOM."
- 3 Press the select button repeatedly until "LOW," "MID" or "HIGH" appears.
- 4 Rotate the control dial to adjust the selected item.  
The volume level is adjustable in 1 dB steps, from -10 dB to +10 dB.



Repeat steps 3 and 4 to adjust the equalizer curve.

To restore the factory-set equalizer curve, press and hold the select button before the setting is complete.

- 5 Press **↵** (BACK).

The setting is complete and the display returns to normal reception/play mode.

#### Tip

Other equalizer types are also adjustable.

### Adjusting setup items — SET

- 1 Press and hold the select button.  
The setup display appears.
- 2 Press the select button repeatedly until the desired item appears.
- 3 Rotate the control dial to select the setting (example "ON" or "OFF").
- 4 Press and hold the select button.  
The setup is complete and the display returns to normal reception/play mode.

#### Note

Displayed items will differ, depending on the source and setting.

The following items can be set (follow the page reference for details):

continue to next page →

---

**CLOCK-ADJ** (Clock Adjust) (page 6)

---

**CT** (Clock Time)

Activates the CT function: “ON,” “OFF”  
(page 13, 14).

---

**BEEP**

Activates the beep sound: “ON,” “OFF.”

---

**AUX-A**\*1 (AUX Audio)

Activates the AUX source display: “ON,”  
“OFF” (page 21).

---

**AUTO OFF**

Shuts off automatically after a desired time  
when the unit is turned off: “NO,” “30S  
(Seconds),” “30M (Minutes),” “60M (Minutes).”

---

**SUB/REAR**\*1

Switches the audio output: “SUB-OUT”  
(subwoofer), “REAR-OUT” (power amplifier).

---

**DEMO** (Demonstration)

Activates the demonstration: “ON,” “OFF.”

---

**DIMMER**

Changes the display brightness.  
– “AT”: to dim the display automatically when  
you turn lights on. (Available only when the  
illumination control lead is connected.)  
– “ON”: to dim the display.  
– “OFF”: deactivate the dimmer.

---

**CONTRAST**

Adjusts the contrast for a clear view of the  
display, suitable for the installed viewing angle.  
The contrast level is adjustable in 7 steps.

---

**LV-METER** (Level Meter)

Activates the level meter: “ON,” “OFF.”

---

**A.SCRL** (Auto Scroll)

Scrolls long items automatically: “ON,” “OFF.”

---

**REPEAT** (page 16, 18)

---

**LOCAL** (Local Seek Mode)

– “ON”: to only tune into stations with stronger  
signals.  
– “OFF”: to tune normal reception.

---

**MONO**\*2 (Monaural Mode)

Selects monaural reception mode to improve  
poor FM reception: “ON,” “OFF.”

---

**ZAP.TIME** (Zappin Time)

Selects the playback time for the ZAPPIN  
function.  
– “ZAP.TIME-1 (about 6 seconds),”  
“ZAP.TIME-2 (about 15 seconds),”  
“ZAP.TIME-3 (about 30 seconds).”

---

**LPF**\*3 (Low Pass Filter)

Selects the subwoofer cut-off frequency: “OFF,”  
“80Hz,” “100Hz,” “120Hz,” “140Hz,” “160Hz.”

---

**SUB**\*3 (Subwoofer Phase)

Selects the subwoofer phase: “NORM,” “REV.”

---

---

**HPF** (High Pass Filter)

Selects the front/rear speaker cut-off frequency:  
“OFF,” “80Hz,” “100Hz,” “120Hz,” “140Hz,”  
“160Hz.”

---

**LOUD** (Loudness)

Reinforces bass and treble for clear sound at low  
volume levels: “ON,” “OFF.”

---

**DM+**

Activates the DM+ function: “ON,” “OFF.”

---

**BTM** (page 12)

---

\*1 *When the unit is turned off.*

\*2 *When FM is received.*

\*3 *When the audio output is set to “SUB-OUT.”*

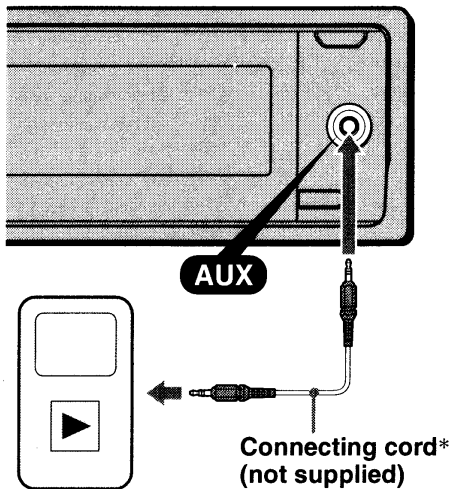
## Using optional equipment

### Auxiliary audio equipment

By connecting an optional portable audio device to the AUX input jack (stereo mini jack) on the unit and then simply selecting the source, you can listen on your car speakers. The volume level is adjustable for any difference between the unit and the portable audio device. Follow the procedure below:

### Connecting the portable audio device

- 1 Turn off the portable audio device.
- 2 Turn down the volume on the unit.
- 3 Connect to the unit.



\* Be sure to use a straight type plug.

### Adjust the volume level

Be sure to adjust the volume for each connected audio device before playback.

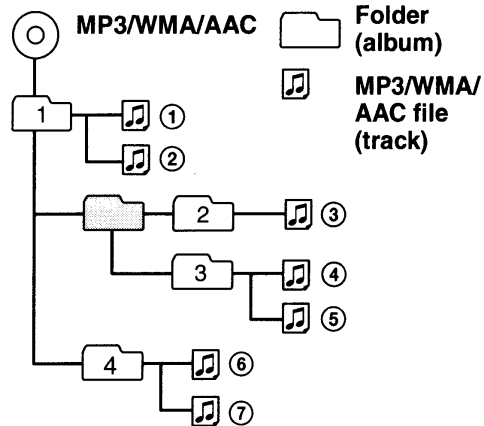
- 1 Turn down the volume on the unit.
- 2 Press **(SOURCE/OFF)** repeatedly until "AUX" appears.  
After that, "AUX FRONT IN" appears.
- 3 Start playback of the portable audio device at a moderate volume.
- 4 Set your usual listening volume on the unit.
- 5 Adjust the input level (page 19).

## Additional Information

### Precautions

- Cool off the unit beforehand if your car has been parked in direct sunlight.
- Power antenna (aerial) extends automatically.

### Playback order of MP3/WMA/AAC files



### About Device Inside Alert

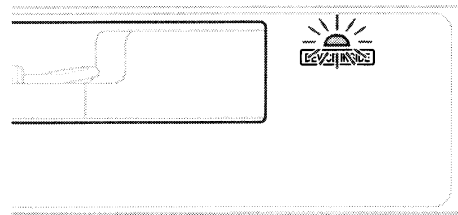
If you turn the ignition switch to the OFF position without removing the USB device or iPod, "DEVICE INSIDE" will appear in the display.



Open the front panel to remove the USB device or iPod.

### If the front panel is detached when the ignition is turned off.

The Device Inside Alert LED flashes.



#### Tip

For how to remove the USB device or iPod, see page 15 (USB), 17 (iPod).

#### Note

The Device Inside Alert will only sound if the built-in amplifier is used.

## About iPod

- You can connect to the following iPod models. Update your iPod devices to the latest software before use.

Made for

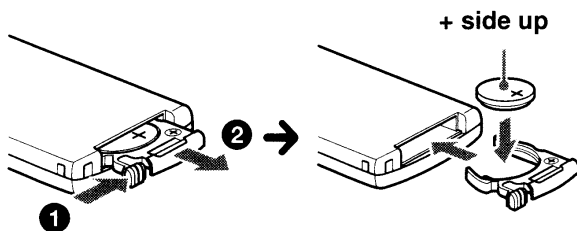
- iPod touch (2nd generation)
  - iPod touch (1st generation)
  - iPod classic
  - iPod with video
  - iPod nano (5th generation)
  - iPod nano (4th generation)
  - iPod nano (3rd generation)
  - iPod nano (2nd generation)
  - iPod nano (1st generation)
- “Made for iPod” means that an electronic accessory has been designed to connect specifically to iPod and has been certified by the developer to meet Apple performance standards.
  - Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

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

## Maintenance

### Replacing the lithium battery of the card remote commander

Under normal conditions, the battery will last approximately 1 year. (The service life may be shorter, depending on the conditions of use.) When the battery becomes weak, the range of the card remote commander becomes shorter. Replace the battery with a new CR2025 lithium battery. Use of any other battery may present a risk of fire or explosion.



### Notes on the lithium battery

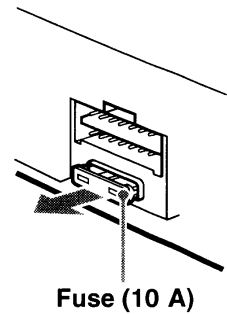
- Keep the lithium battery out of the reach of children. Should the battery be swallowed, immediately consult a doctor.
- Wipe the battery with a dry cloth to assure a good contact.
- Be sure to observe the correct polarity when installing the battery.
- Do not hold the battery with metallic tweezers, otherwise a short-circuit may occur.

### WARNING

Battery may explode if mistreated. Do not recharge, disassemble, or dispose of in fire.

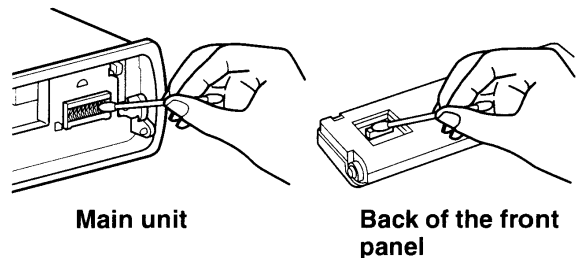
### Fuse replacement

When replacing the fuse, be sure to use one matching the amperage rating stated on the original fuse. 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 such a case, consult your nearest Sony dealer.



### Cleaning the connectors

The unit may not function properly if the connectors between the unit and the front panel are not clean. In order to prevent this, detach the front panel (page 7) and clean the connectors with a cotton swab. Do not apply too much force. Otherwise, the connectors may be damaged.



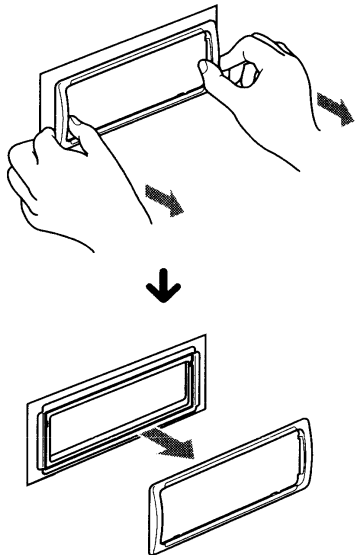
### Notes

- For safety, turn off the ignition before cleaning the connectors, and remove the key from the ignition switch.
- Never touch the connectors directly with your fingers or with any metal device.

## Removing the unit

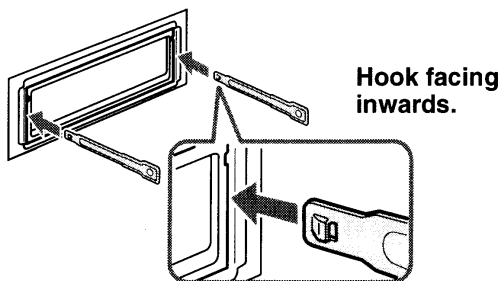
### 1 Remove the protection collar.

- 1 Detach the front panel (page 7).
- 2 Pinch both edges of the protection collar, then pull it out.

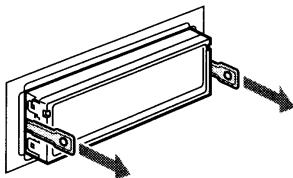


### 2 Remove the unit.

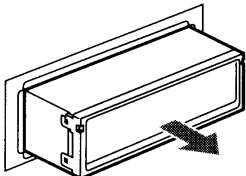
- 1 Insert both release keys simultaneously until they click.



- 2 Pull the release keys to unseat the unit.



- 3 Slide the unit out of the mounting.



## Specifications

**FOR UNITED STATES CUSTOMERS. NOT APPLICABLE IN CANADA, INCLUDING IN THE PROVINCE OF QUEBEC.**

**POUR LES CONSOMMATEURS AUX ÉTATS-UNIS. NON APPLICABLE AU CANADA, Y COMPRIS LA PROVINCE DE QUÉBEC.**

### AUDIO POWER SPECIFICATIONS



CEA2006 Standard  
Power Output: 17 Watts RMS  $\times$  4 at  
4 Ohms < 1% THD+N  
SN Ratio: 80 dBA  
(reference: 1 Watt into 4 Ohms)

### Tuner section

#### FM

**Tuning range:** 87.5 – 107.9 MHz

**Antenna (aerial) terminal:**

External antenna (aerial) connector

**Intermediate frequency:** 150 kHz

**Usable sensitivity:** 10 dBf

**Selectivity:** 75 dB at 400 kHz

**Signal-to-noise ratio:** 70 dB (mono)

**Separation:** 40 dB at 1 kHz

**Frequency response:** 20 – 15,000 Hz

#### AM

**Tuning range:** 530 – 1,710 kHz

**Antenna (aerial) terminal:**

External antenna (aerial) connector

**Intermediate frequency:** 25 kHz

**Sensitivity:** 26  $\mu$ V

### USB Player section

**Interface:** USB (Full-speed)

**Maximum current:** 500 mA

### Power amplifier section

**Output:** Speaker outputs

**Speaker impedance:** 4 – 8 ohms

**Maximum power output:** 52 W  $\times$  4 (at 4 ohms)

### General

#### Outputs:

Audio outputs terminal (front, sub/rear switchable)

Power antenna (aerial) relay control terminal

Power amplifier control terminal

#### Inputs:

BUS control input terminal

BUS audio input terminal

Remote controller input terminal

Antenna (aerial) input terminal

Telephone ATT control terminal

Illumination control terminal

AUX input jack (stereo mini jack)

USB signal input connector

**Tone controls:**

Low:  $\pm 10$  dB at 60 Hz (XPLOD)

Mid:  $\pm 10$  dB at 1 kHz (XPLOD)

High:  $\pm 10$  dB at 10 kHz (XPLOD)

**Power requirements:** 12 V DC car battery  
(negative ground (earth))

**Dimensions:** Approx. 178 × 50 × 180 mm  
(7 1/8 × 2 × 7 1/8 in) (w/h/d)

**Mounting dimensions:** Approx. 182 × 53 × 163 mm  
(7 1/4 × 2 1/8 × 6 1/2 in) (w/h/d)

**Mass:** Approx. 1.0 kg (2 lb 4 oz)

**Supplied accessories:**

Card remote commander: RM-X151

USB connector for iPod XA-50IP

Parts for installation and connections (1 set)

**Optional accessories/equipment:**

BUS cable (supplied with an RCA pin cord):

Source selector: XA-C40

HD Radio™ tuner: XT-100HD

Walkman adaptor XA-50WM

Your dealer may not handle some of the above listed accessories. Please ask the dealer for detailed information.

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

## Troubleshooting

The following checklist will help you remedy problems you may encounter with your unit. Before going through the checklist below, check the connection and operating procedures.

If the problem is not solved, visit the following support site.

**Support site**

<http://esupport.sony.com>

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

**General****No power is being supplied to the unit.**

- Check the connection or fuse.
- If the unit is turned off and the display disappears, it cannot be operated with the remote commander.  
→ Turn on the unit.

**The power antenna (aerial) does not extend.**

The power antenna (aerial) does not have a relay box.

**No sound.**

- The ATT function is activated, or the Telephone ATT function (when the interface cable of a car telephone is connected to the ATT lead) is activated.
- The position of the fader control “FADER” is not set for a 2-speaker system.

**No beep sound.**

- The beep sound is canceled (page 20).
- An optional power amplifier is connected and you are not using the built-in amplifier.

**The contents of the memory have been erased.**

- The RESET button has been pressed.  
→ Store again into the memory.
- The power supply lead or battery has been disconnected or it is not connected properly.

**Stored stations and correct time are erased.****The fuse has blown.****Makes noise when the position of the ignition is switched.**

The leads are not matched correctly with the car's accessory power connector.

**During playback or reception, demonstration mode starts.**

If no operation is performed for 5 minutes with “DEMO-ON” set, demonstration mode starts.  
→ Set “DEMO-OFF” (page 20).

**The display disappears from/does not appear in the display window.**

- The dimmer is set “DIMMER-ON” (page 20).
- The display disappears if you press and hold **(SOURCE/OFF)**.  
→ Press **(SOURCE/OFF)** on the unit until the display appears.
- The connectors are dirty (page 22).



---

**The Auto Off function does not operate.**

The unit is turned on. The Auto Off function activates after turning off the unit.

→ Turn off the unit.

---

**DSO does not function.**

- Depending on the type of car interior or type of music, DSO may not have a desirable effect.

---

**Radio reception**

---

**The stations cannot be received.**

---

**The sound is hampered by noises.**

- The connection is not correct.
  - Connect a power antenna (aerial) control lead (blue) or accessory power supply lead (red) to the power supply lead of a car's antenna (aerial) booster (only when your car has built-in FM/AM antenna (aerial) in the rear/side glass).
  - Check the connection of the car antenna (aerial).
  - If the auto antenna (aerial) will not go up, check the connection of the power antenna (aerial) control lead.
  - When the DSO mode is on, the sound is sometimes hampered by noises.  
Set the DSO mode to "OFF" (page 19).

---

**Preset tuning is not possible.**

- Store the correct frequency in the memory.
- The broadcast signal is too weak.

---

**Automatic tuning is not possible.**

- Setting of the local seek mode is not correct.
  - Tuning stops too frequently:  
Set "LOCAL-ON" (page 20).
  - Tuning does not stop at a station:  
Set "LOCAL-OFF" (page 20).
- The broadcast signal is too weak.
  - Perform manual tuning.

---

**During FM reception, the "ST" indication flashes.**

- Tune in the frequency accurately.
- The broadcast signal is too weak.
  - Set "MONO-ON" (page 20).

---

**An FM program broadcast in stereo is heard in monaural.**

The unit is in monaural reception mode.

→ Set "MONO-OFF" (page 20).

---

**RDS**

---

**PTY displays "- - - - -."**

- The current station is not an RDS station.
- RDS data has not been received.
- The station does not specify the program type.

---

**USB playback**

---

**You cannot play back items via a USB hub.**

This unit cannot recognize USB devices via a USB hub.

---

**Cannot play back items.**

A USB device does not work.  
→ Reconnect it.

---

**The USB device takes longer to play back.**

The USB device contains files with a complicated tree structure.

---

**The display items do not scroll.**

- A large number of characters may not scroll.
- "A.SCRL" is set to "OFF."
  - Set "A.SCRL-ON" (page 20).
  - Press and hold (DSPL) (SCRL).

---

**A beep sounds.**

During playback, the USB device has been disconnected.

→ Before disconnecting a USB device, make sure to stop playback first for data protection.

---

**The sound is intermittent.**

The sound may be intermittent at a high-bit-rate of more than 320 kbps.

---

**Error displays/Messages**

---

**CHECKING**

The unit is confirming the connection of a USB device.

→ Wait until confirming the connection is finished.

---

**DEVICE INSIDE**

If you turn the ignition switch to the OFF position without removing the USB device or iPod, "DEVICE INSIDE" will appear in the display.

---

**ERROR**

USB device was not automatically recognized.

→ Reconnect it again.

---

**FAILURE (Illuminates until any button is pressed.)**

The connection of speakers/amplifiers is incorrect.

→ See the installation/connections manual of this model to check the connection.

---

**FAILURE (Illuminates for about 1 second.)**

When the SAT tuner is connected, storing an SAT radio channel into a preset failed.

→ Be sure to receive the channel that you want to store, then try it again.

---

**HUB NO SUPRT (HUB Not Support)**

USB hub is not supported on this unit.

---

**L. SEEK +/-**

The local seek mode is on during automatic tuning.

---

**NO DEV (No Device)**

USB is selected as source without a USB device connected. A USB device or a USB cable has been disconnected during playback.

→ Be sure to connect a USB device and USB cable.

---

**NO MUSIC**

The USB device does not contain a music file.

→ Connect a USB device with a music file in it.

---

**NO NAME**

An album/artist/track name is not written in the track.

continue to next page →

---

**OFFSET**

There may be an internal malfunction.

- Check the connection. If the error indication remains on in the display, consult your nearest Sony dealer.
- 

**OVERLOAD**

USB device is overloaded.

- Disconnect the USB device, then change the source by pressing (SOURCE/OFF).
  - Indicates that the USB device is out of order, or an unsupported device is connected.
- 

**READ**

The unit is reading all track and album information on the USB device.

- Wait until reading is complete and playback starts automatically.
- 

**RESET**

USB device cannot be operated due to a problem.

- Press the RESET button (page 6).
- 

**USB NO SUPRT (USB Not Support)**

The connected USB device is not supported.

- For details on the compatibility of your USB device, visit the support site.
- 

**“LLLL” or “rrrr”**

During reverse or fast-forward, you have reached the beginning or the end of the USB device and you cannot go any further.

---

**“\_”**

The character cannot be displayed with the unit.

---

If these solutions do not help improve the situation, consult your nearest Sony dealer.

**If you have any questions/problems regarding this product, try the following:**

**1** *Read Troubleshooting in these Operating Instructions.*

**2** *Reset the unit.*

*Note: Stored data may be erased.*

**3** *Please contact (U.S.A. only);*

*Call* **1-800-222-7669**

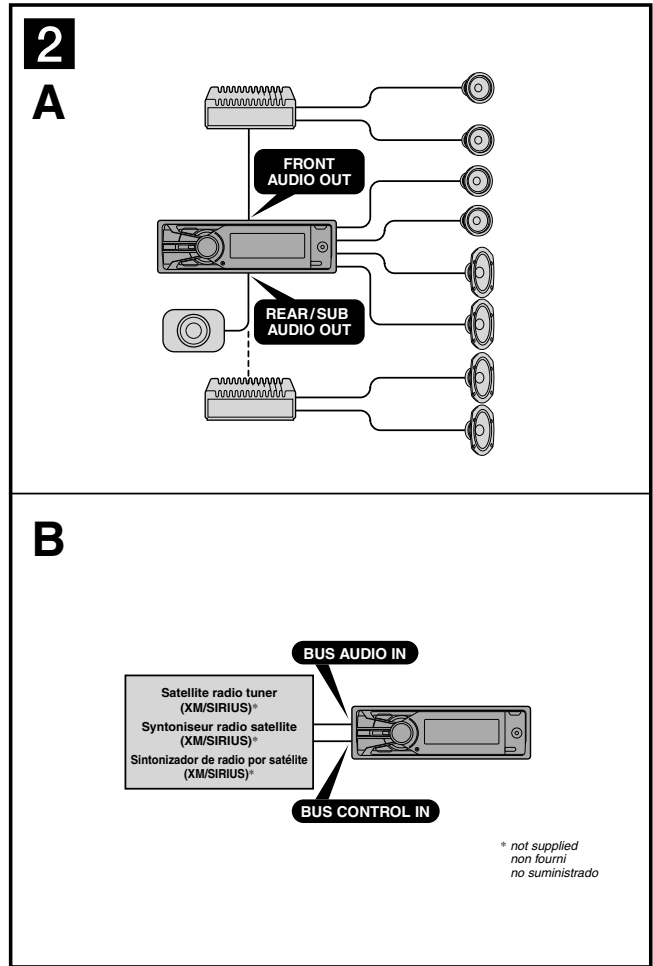
*URL* **<http://www.SONY.com>**

# FM/AM Digital Media Player

Installation/Connections  
Installation/Connexions  
Instalación/Conexiones

DSX-S100

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### Cautions

- This unit is designed for negative ground (earth) 12 V DC operation only.
- Do not get the leads under a screw, or caught in moving parts (e.g. seat raitling).
- Before making connections, turn the car ignition off to avoid short circuits.
- Connect the **yellow** and **red** power supply leads only after all other leads have been connected.
- Run all ground (earth) leads to a common ground (earth) point.**
- Be sure to insulate any loose unconnected leads with electrical tape for safety.
- The use of optical instruments with this product will increase eye hazard.

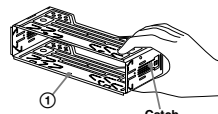
**Notes on the power supply lead (yellow)**

- When connecting this unit in combination with other stereo components, the connected car circuit's rating must be higher than the sum of each component's fuse.
- When no car circuits are rated high enough, connect the unit directly to the battery.

### Parts list 1

- The numbers in the list are keyed to those in the instructions.
- The bracket ① and the protection collar ④ are attached to the unit before shipping. Before mounting the unit, use the release keys ③ to remove the bracket ① from the unit. For details, see "Removing the protection collar and the bracket (2-A)" on the reverse side of the sheet.
- Keep the release keys ③ for future use as they are also necessary if you remove the unit from your car.**

**Caution**  
Handle the bracket ① carefully to avoid injuring your fingers.



**Note**  
Before installing, make sure that the catches on both sides of the bracket ① are bent inwards 2 mm (1/8 in). If the catches are straight or bent outwards, the unit will not be installed securely and may spring out.

### Connection example 2

- Notes (2-A)**
- Be sure to connect the ground (earth) lead before connecting the amplifier.
  - The alarm will only sound if the built-in amplifier is used.

**Notes on satellite radio tuner (2-B)**  
This unit does not support the XM radio tuner XMDSON100.

### Connection diagram 3

- To a metal surface of the car**  
First connect the black ground (earth) lead, then connect the yellow and red power supply leads.
- To the power antenna (aerial) control lead or power supply lead of antenna (aerial) booster**  
**Notes**
  - It is not necessary to connect this lead if there is no power antenna (aerial) or antenna (aerial) booster, or with a manually-operated telescopic antenna (aerial).
  - When your car has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."
- To AMP REMOTE IN of an optional power amplifier**  
This connection is only for amplifiers. Connecting any other system may damage the unit.
- To the interface cable of a car telephone**
- To a car's illumination signal**
- To the +12 V power terminal which is energized in the accessory position of the ignition switch**  
**Notes**
  - If there is no accessory position, connect to the +12 V power (battery) terminal which is energized at all times. Be sure to connect the black ground (earth) lead to a metal surface of the car first.
  - When your car has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."
- To the +12 V power terminal which is energized at all times**  
Be sure to connect the black ground (earth) lead to a metal surface of the car first.

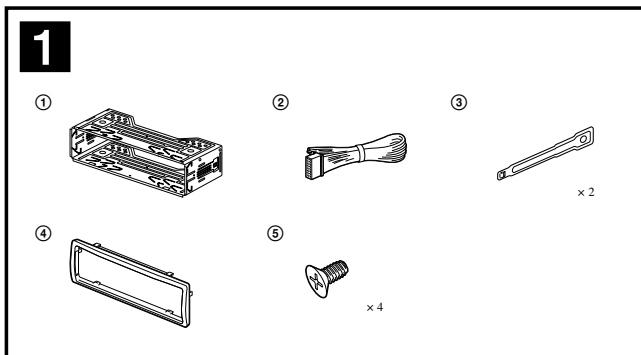
**Notes on the control and power supply leads**

- The power antenna (aerial) control lead (blue) supplies +12 V DC when you turn on the tuner.
- When your car has built-in FM/AM antenna (aerial) in the rear/side glass, connect the power antenna (aerial) control lead (blue) or the accessory power supply lead (red) to the power terminal of the existing antenna (aerial) booster. For details, consult your dealer.
- A power antenna (aerial) without a relay box cannot be used with this unit.

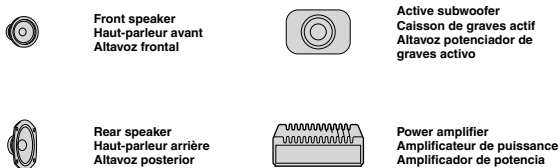
**Memory hold connection**  
When the yellow power supply lead is connected, power will always be supplied to the memory circuit even when the ignition switch is turned off.

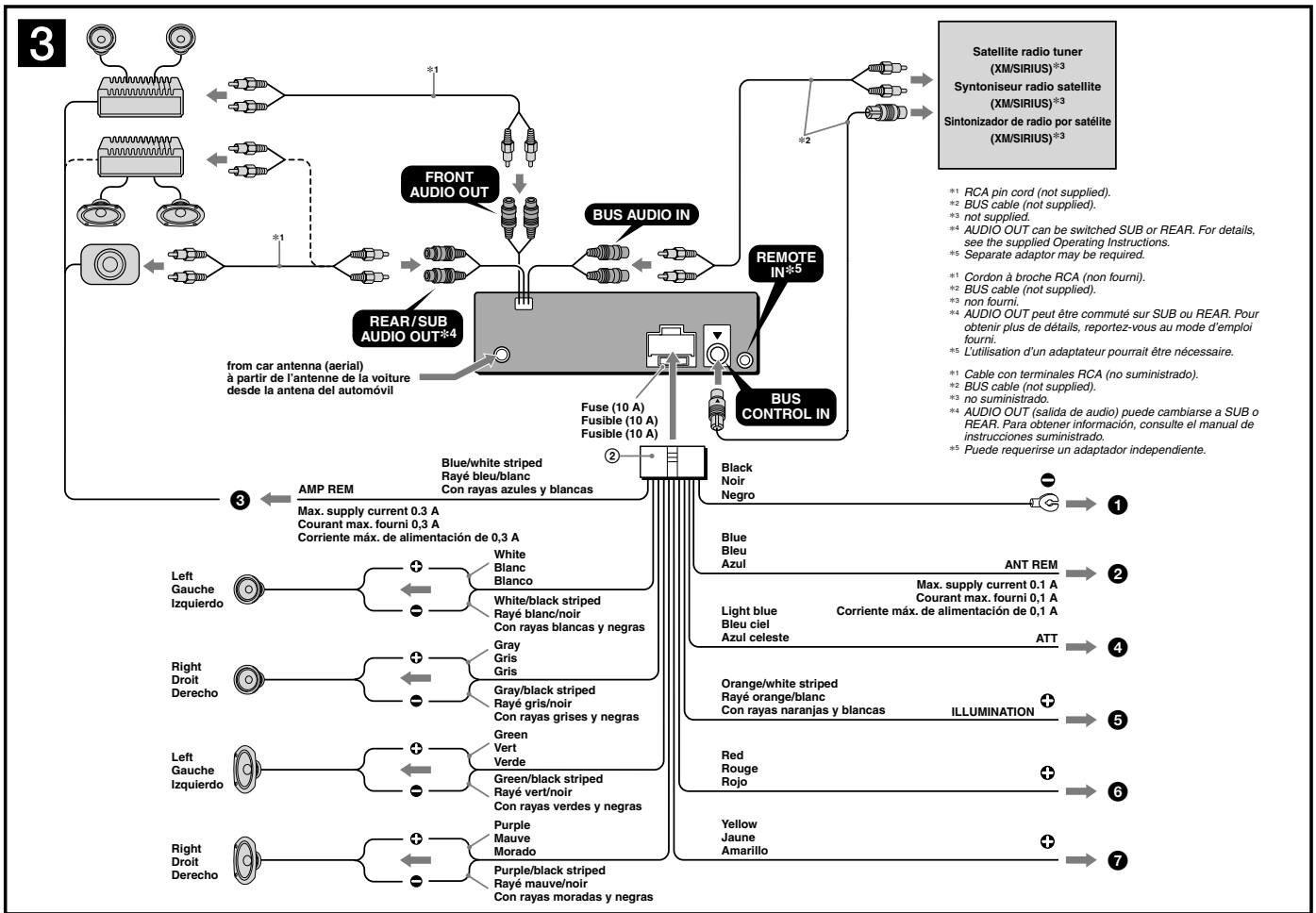
- Notes on speaker connection**
- Before connecting the speakers, turn the unit off.
  - Use speakers with an impedance of 4 to 8 ohms, and with adequate power handling capacities to avoid its damage.
  - Do not connect the speaker terminals to the car chassis, or connect the terminals of the right speakers with those of the left speaker.
  - Do not connect the ground (earth) lead of this unit to the negative (-) terminal of the speaker.
  - Do not attempt to connect the speakers in parallel.
  - Connect only passive speakers. Connecting active speakers (with built-in amplifiers) to the speaker terminals may damage the unit.
  - To avoid a malfunction, do not use the built-in speaker leads installed in your car. If the unit shares a common negative (-) lead for the right and left speakers.
  - Do not connect the unit's speaker leads to each other.

**Note on connection**  
If speaker and amplifier are not connected correctly, "FAILURE" appears in the display. In this case, make sure the speaker and amplifier are connected correctly.



Equipment used in illustrations (not supplied)  
Appareils utilisés dans les illustrations (non fournis)  
Equipo utilizado en las ilustraciones (no suministrado)





### Précautions

- Cet appareil est exclusivement conçu pour fonctionner sur une tension de 12 V CC avec masse négative.
- Évitez de fixer des vis sur les câbles ou de coincer ceux-ci dans des pièces mobiles (par exemple, armature de siège).
- Avant d'effectuer les raccordements, coupez le moteur pour éviter un court-circuit.
- Raccordez les câbles d'alimentation **jaune et rouge** seulement après avoir terminé tous les autres raccordements.
- Rassemblez tous les câbles de mise à la masse en un point de masse commun.
- Pour des raisons de sécurité, veillez à isoler avec du ruban isolant tout câble libre non raccordé.
- L'utilisation d'instruments optiques avec ce produit augmente les risques pour les yeux.

### Remarques sur le câble d'alimentation (jaune)

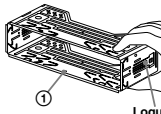
- Lorsque cet appareil est raccordé à d'autres éléments stéréo, la valeur nominale du circuit de la voiture raccordé doit être supérieure à la somme des fusibles de chaque élément.
- Si un circuit de la voiture n'est assez puissant, raccordez directement l'appareil à la batterie.

### Liste des composants 1

- Les numéros de la liste correspondent à ceux des instructions.
- Le support (1) et le tour de protection (2) sont fixés à l'appareil en usine. Avant le montage de l'appareil, utilisez les clés de déblocage (3) pour détacher le support (1) de l'appareil. Pour plus de détails, reportez-vous à la section « Retrait du tour de protection et du support (1) » au verso.
- Conservez les clés de déblocage (3) pour une utilisation ultérieure car vous en aurez également besoin pour retirer l'appareil de votre véhicule.

### Attention

Manipulez précautionneusement le support (1) pour éviter de vous blesser aux doigts.



### Remarque

Avant l'installation, assurez-vous que les loquets des deux côtés du support (1) sont bien pliés de 2 mm (1/8 po) vers l'intérieur. Si les loquets sont droits ou pliés vers l'extérieur, l'appareil ne peut pas être fixé solidement et peut se détacher.

### Exemple de raccordement 2

#### Remarques (2-A)

- Raccordez d'abord le câble de mise à la masse avant de raccorder l'amplificateur.
- L'alarme est émise uniquement lorsque l'amplificateur intégré est utilisé.

#### Remarques sur le syntoniseur radio satellite (2-B)

Cet appareil n'est pas compatible avec le syntoniseur radio XM XMD50N100.

### Schéma de raccordement 3

- À un point métallique de la voiture  
 Branchez d'abord le câble de mise à la masse noir et, ensuite, les câbles d'antenne d'alimentation jaune et rouge.
- Vers le câble de commande d'antenne électrique ou vers le câble d'alimentation de l'amplificateur d'antenne  
 Remarques  
 • Il n'est pas nécessaire de raccorder ce câble s'il n'y a pas d'antenne électrique ni d'amplificateur d'antenne, ou avec une antenne télescopique manuelle.  
 • Si votre voiture est équipée d'une antenne FM/AM intégrée dans la vitre arrière latérale, voir « Remarques sur les câbles de commande et d'alimentation ».
- Au niveau de AMP REMOTE IN de l'amplificateur de puissance en option  
 Ce raccordement s'applique uniquement aux amplificateurs. Le branchement de tout autre système risque d'endommager l'appareil.
- Vers le cordon de liaison d'un téléphone de voiture
- Vers le connecteur du signal d'éclairage de la voiture  
 Raccordez d'abord le câble de mise à la masse noir à un point métallique du véhicule.
- À la borne +12 V qui est alimentée quand la clé de contact est sur la position accessoires  
 Remarques  
 • S'il n'y a pas de position accessoires, raccordez la borne d'alimentation (batterie) +12 V qui est alimentée en permanence.  
 Raccordez d'abord le câble de mise à la masse noir à un point métallique du véhicule.  
 • Si votre voiture est équipée d'une antenne FM/AM intégrée dans la vitre arrière latérale, voir « Remarques sur les câbles de commande et d'alimentation ».
- À la borne +12 V qui est alimentée en permanence  
 Raccordez d'abord le câble de mise à la masse noir à un point métallique du véhicule.

- Remarques sur les câbles de commande et d'alimentation**
- Le câble de commande d'antenne électrique (bleu) fournit une alimentation de +12 V CC lorsque vous mettez la radio sous tension.
  - Lorsque votre voiture est équipée d'une antenne FM/AM intégrée dans la vitre arrière latérale, raccordez le câble de commande d'antenne électrique (bleu) ou le câble d'alimentation des accessoires (rouge) à la borne d'alimentation de l'amplificateur d'antenne existant. Pour plus de détails, consultez votre détalant.
  - Une antenne électrique sans boîtier de relais ne peut pas être utilisée avec cet appareil.
- Raccordement pour la conservation de la mémoire**
- Lorsque le câble d'alimentation jaune est raccordé, le circuit de la mémoire est alimenté en permanence même si la clé de contact est sur la position d'arrêt.
- Remarques sur le raccordement des haut-parleurs**
- Avant de raccorder les haut-parleurs, mettez l'appareil hors tension.
  - Utilisez des haut-parleurs ayant une impédance de 4 à 8 ohms avec une capacité électrique adéquate pour éviter de les endommager.
  - Ne raccordez pas les bornes du système de haut-parleurs au châssis de la voiture et ne raccordez pas les bornes du haut-parleur droit à celles du haut-parleur gauche.
  - Ne raccordez pas le câble de mise à la masse de cet appareil à la borne négative (-) du haut-parleur.
  - N'essayez pas de raccorder les haut-parleurs en parallèle.
  - Raccordez uniquement des haut-parleurs passifs. Le raccordement de haut-parleurs actifs (avec amplificateurs intégrés) aux bornes des haut-parleurs peut endommager l'appareil.
  - Pour éviter tout problème de fonctionnement, n'utilisez pas les câbles des haut-parleurs intégrés installés dans votre voiture si l'appareil possède un câble négatif commun (-) pour les haut-parleurs droit et gauche.
  - Ne raccordez pas entre eux les cordons des haut-parleurs de l'appareil.
  - Ne raccordez pas entre eux les cordons des haut-parleurs de votre voiture.
- Remarque sur le raccordement**
- Si les haut-parleurs et l'amplificateur ne sont pas raccordés correctement, le message « FAILURE » s'affiche. Dans ce cas, assurez-vous que les haut-parleurs et l'amplificateur sont bien raccordés.

### Precauciones

- Esta unidad ha sido diseñada para alimentarse sólo con cc de 12 V de masa negativa.
- No coloque los cables debajo de ningún tornillo, ni los aprisione con partes móviles (p. ej. los rails del asiento).
- Antes de realizar las conexiones, apague el automóvil para evitar cortocircuitos.
- Conecte los cables de fuente de alimentación **amarillo y rojo** solamente después de haber conectado los demás.
- Conecte todos los cables de conexión a masa a un punto común.
- Por razones de seguridad, asegúrese de aislar con cinta aislante los cables sueltos que no estén conectados.
- El uso de instrumentos ópticos con este producto aumenta el riesgo de sufrir daños oculares.

### Notas sobre el cable de fuente de alimentación (amarillo)

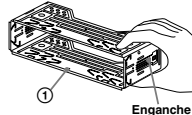
- Cuando conecta esta unidad en combinación con otros componentes estéreo, la capacidad nominal del circuito conectado del automóvil debe ser superior a la suma del fusible de cada componente.
- Si no hay circuitos del automóvil con capacidad nominal suficientemente alta, conecte la unidad directamente a la batería.

### Lista de componentes 1

- Los números de la lista corresponden a los de las instrucciones.
- La unidad se comercializa con el soporte (1) y el marco de protección (2) ya colocados. Antes de montarla, utilice las llaves de liberación (3) para extraer el soporte (1) de la misma. Para obtener más información, consulte «Extracción del marco de protección y del soporte (1)».
- Conservé las llaves de liberación (3) para utilizarlas en el futuro, ya que también las necesitará si retira la unidad del automóvil.

### Precaución

Tenga mucho cuidado al manipular el soporte (1) para evitar posibles lesiones en los dedos.



### Nota

Antes de instalar la unidad, compruebe que los enganches de ambos lados del soporte (1) están doblados hacia adentro 2 mm. Si no lo están o están doblados hacia afuera, la unidad no se instalará correctamente y puede saltar.

### Ejemplo de conexiones 2

#### Notas (2-A)

- Asegúrese de conectar primero el cable de conexión a masa antes de realizar la conexión del amplificador.
- La alarma sonará únicamente si se utiliza el amplificador incorporado.

#### Notas sobre el sintonizador de radio por satélite (2-B)

Esta unidad no es compatible con el sintonizador de radio XM XMD50N100.

### Diagrama de conexión 3

- A una superficie metálica del automóvil  
 Conecte primero el cable de conexión a masa negro, y después los cables amarillo y rojo de fuente de alimentación.
- Al cable de control de la antena motorizada o al cable de fuente de alimentación del amplificador de señal de la antena  
 Notas  
 • Si no se dispone de antena motorizada ni de amplificador de antena, o se utiliza una antena telescópica accionada manualmente, no será necesario conectar este cable.  
 • Si el automóvil incorpora una antena de FM/AM en el cristal trasero o lateral, consulte «Notas sobre los cables de control y de fuente de alimentación».
- A AMP REMOTE IN de un amplificador de potencia opcional  
 Esta conexión es sólo para amplificadores. La conexión de cualquier otro sistema puede dañar la unidad.
- Al cable de interfaz de un teléfono para automóvil
- A una señal de iluminación del automóvil  
 Asegúrese de conectar primero el cable de conexión a masa negro a una superficie metálica del automóvil.
- Al terminal de alimentación de +12 V que recibe energía en la posición de accesorio del interruptor de encendido  
 Notas  
 • Si no hay posición de accesorio, conéctelo al terminal de alimentación (batería) de +12 V que recibe energía sin interrupción.  
 Asegúrese de conectar primero el cable de conexión a masa negro a una superficie metálica del automóvil.
- Al terminal de alimentación de +12 V que recibe energía sin interrupción  
 Asegúrese de conectar primero el cable de conexión a masa negro a una superficie metálica del automóvil.

- Notas sobre los cables de control y de fuente de alimentación**
- El cable de control de la antena motorizada (azul) suministrado cc de +12 V cuando conecte la alimentación del sintonizador.
  - Si el automóvil dispone de una antena de FM/AM incorporada en el cristal trasero o lateral, conecte el cable de control de antena motorizada (azul) o el cable de fuente de alimentación auxiliar (rojo) al terminal de alimentación del amplificador de antena existente. Para obtener más información, consulte a su distribuidor.
  - Con esta unidad no es posible utilizar una antena motorizada sin caja de relés.

### Conexión para protección de la memoria

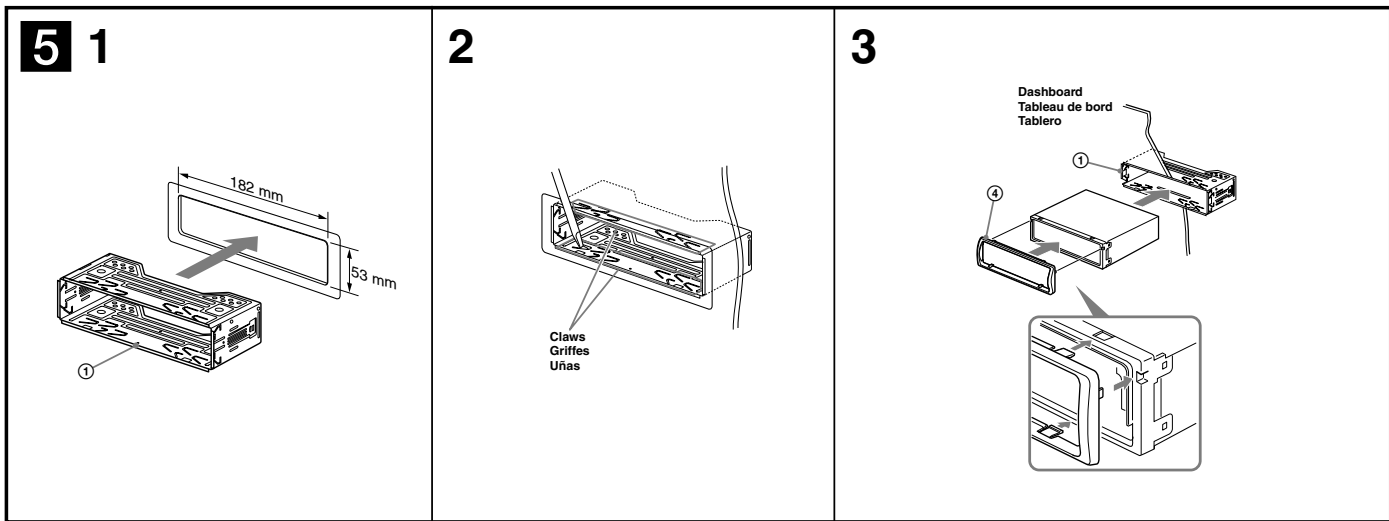
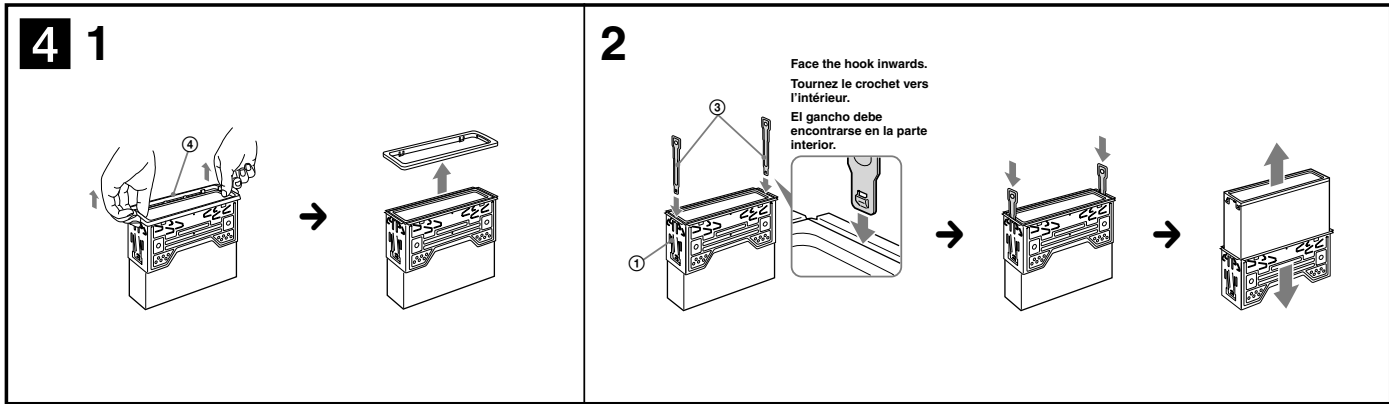
Si conecta el cable de fuente de alimentación amarillo, el circuito de la memoria recibirá siempre alimentación, aunque apague el interruptor de encendido.

### Notas sobre la conexión de los altavoces

- Antes de conectar los altavoces, desconecte la alimentación de la unidad.
- Utilice altavoces con una impedancia de 4 a 8 Ω con la capacidad de potencia adecuada para evitar que se dañen.
- No conecte los terminales de altavoz al chasis del automóvil, ni conecte los terminales del altavoz derecho con los del izquierdo.
- No conecte el cable de conexión a masa de esta unidad al terminal negativo (-) del altavoz.
- No intente conectar los altavoces en paralelo.
- Conecte solamente altavoces pasivos. Si conecta altavoces activos (con amplificadores incorporados) a los terminales de altavoz, puede dañar la unidad.
- Para evitar fallos de funcionamiento, no utilice los cables de altavoz incorporados instalados en el automóvil si la unidad comparte un cable negativo común (-) para los altavoces derecho e izquierdo.
- No conecte los cables de los altavoz de la unidad entre sí.

### Nota sobre la conexión

Si el altavoz y el amplificador no están conectados correctamente, aparecerá «FAILURE» en la pantalla. Si es así, compruebe la conexión de ambos dispositivos.



### Precautions

- Choose the installation location carefully so that the unit will not interfere with normal driving operations.
- Avoid installing the unit in areas subject to dust, dirt, excessive vibration, or high temperatures, such as in direct sunlight or near heater ducts.
- Use only the supplied mounting hardware for a safe and secure installation.

### Mounting angle adjustment

Adjust the mounting angle to less than 45°.

### Removing the protection collar and the bracket 4

Before installing the unit, remove the protection collar ④ and the bracket ① from the unit.

- 1 Remove the protection collar ④.**  
Finch both edges of the protection collar ④, then pull it out.
- 2 Remove the bracket ①.**  
① Insert both release keys ③ together between the unit and the bracket ① until they click.  
② Pull down the bracket ①, then pull up the unit to separate.

### Mounting example 5

#### Installation in the dashboard

- Notes**
- Bend these claws outward for a tight fit, if necessary (5-2).
  - Make sure that the 4 catches on the protection collar ④ are properly engaged in the slots of the unit (5-3).

### Mounting the unit in a Japanese car 6

You may not be able to install this unit in some makes of Japanese cars. In such a case, consult your Sony dealer.

**Note**  
To prevent malfunction, install only with the supplied screws ⑤.

### How to detach and attach the front panel 7

Before installing the unit, detach the front panel.

#### 7-A To detach

Before detaching the front panel, be sure to press and hold (SOURCE/OFF). Press (OPEN), then slide the front panel to the right, and gently pull out the left end of the front panel.

#### 7-B To attach

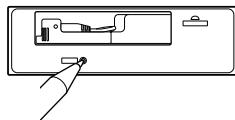
Place the hole ② of the front panel onto the spindle ⑥ on the unit, then lightly push the left side in.

### Warning if your car's ignition has no ACC position

Be sure to set the Auto Off function. For details, see the supplied Operating Instructions. The unit will shut off completely and automatically in the set time after the unit is turned off, which prevents battery drain. If you do not set the Auto Off function, press and hold (SOURCE/OFF) until the display disappears each time you turn the ignition off.

### RESET button

When the installation and connections are completed, be sure to press the RESET button with a ball-point pen, etc., after detaching the front panel.



### Precautions

- Choisissez soigneusement l'emplacement d'installation pour que l'appareil ne gêne pas le chauffeur pendant la conduite.
- Évitez d'installer l'appareil dans un endroit exposé à la poussière, à la saleté, à des vibrations excessives ou à des températures élevées comme en plein soleil ou à proximité de conduits de chauffage.
- Pour garantir un montage sûr, n'utilisez que le matériel fourni.

### Réglage de l'angle de montage

Réglez l'inclinaison à un angle inférieur à 45°.

### Retrait du tour de protection et du support 4

Avant d'installer l'appareil, retirez le tour de protection ④ et le support ① de l'appareil.

- 1 Retirez le tour de protection ④.**  
Pincez les deux bords du tour de protection ④, puis sortez-le.
- 2 Retirez le support ①.**  
① Insérez les clés de déblocage ③ en même temps entre l'appareil et le support ① jusqu'au dé clic.  
② Tirez le support ① vers le bas, puis tirez sur l'appareil vers le haut pour les séparer.

### Exemple de montage 5

#### Installation dans le tableau de bord

- Remarques**
- Si nécessaire, pliez ces griffes vers l'extérieur pour assurer une prise correcte (5-2).
  - Assurez-vous que les 4 loquets situés sur le tour de protection ④ sont correctement engagés dans les fentes de l'appareil (5-3).

### Montage de l'appareil dans une voiture japonaise 6

Cet appareil ne peut pas être installé dans certaines voitures japonaises. Consultez, dans ce cas, votre détaillant Sony.

**Remarque**  
Pour éviter tout problème de fonctionnement, utilisez uniquement les vis ⑤ fournies pour le montage.

### Retrait et fixation de la façade 7

Avant d'installer l'appareil, retirez la façade.

#### 7-A Pour la retirer

Avant de retirer la façade, n'oubliez pas de maintenir enfoncée la touche (SOURCE/OFF). Appuyez sur (OPEN), faites glisser la façade vers la droite, puis tirez doucement l'extrémité gauche de la façade pour la dégager.

#### 7-B Pour la fixer

Engagez l'orifice ② de la façade sur la tige ⑥ de l'appareil, puis poussez doucement sur le côté gauche pour l'installer en position.

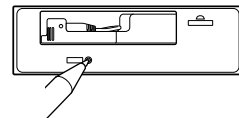
### Avertissement si le contact de votre véhicule ne comporte pas de position ACC

Veillez à régler la fonction de mise hors tension automatique. Pour plus de détails, reportez-vous au mode d'emploi fourni.

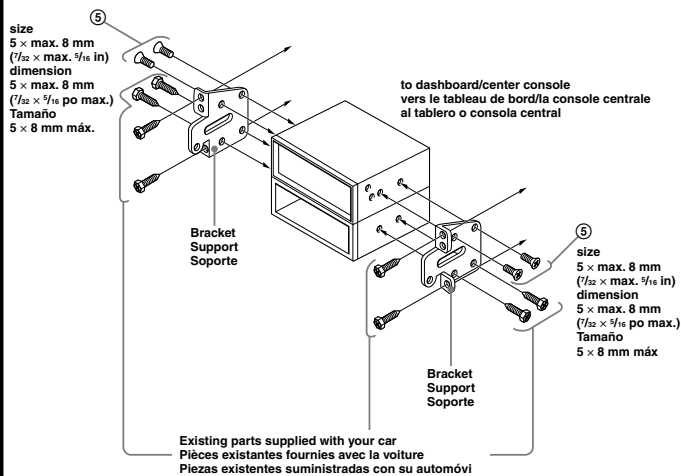
L'appareil s'éteint complètement et automatiquement après le laps de temps choisi une fois l'appareil mis hors tension afin d'éviter que la batterie ne se décharge. Si vous ne réglez pas la fonction de mise hors tension automatique, appuyez sur la touche (SOURCE/OFF) et maintenez-la enfoncée jusqu'à ce que l'affichage disparaisse à chaque fois que vous coupez le contact.

### Touche RESET

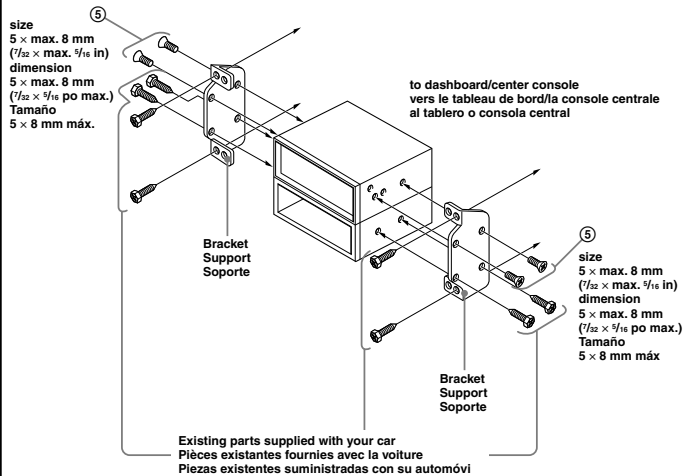
Une fois que l'installation et les raccordements sont terminés, retirez la façade et appuyez sur la touche RESET à l'aide d'un stylo à bille ou d'un autre objet pointu.



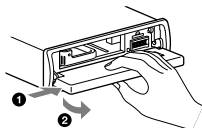
## 6 A TOYOTA



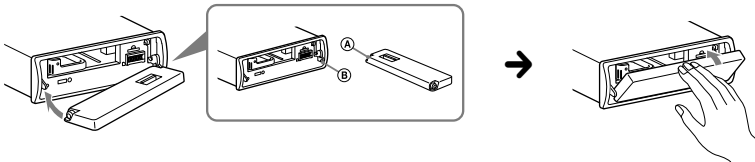
## B NISSAN



## 7 A



## B



### Precauciones

- Elija cuidadosamente el lugar de montaje de forma que la unidad no interfiera con las funciones normales de conducción.
- Evite instalar la unidad donde pueda quedar sometida a polvo, suciedad, vibraciones excesivas o altas temperaturas como, por ejemplo, a la luz solar directa o cerca de conductos de calefacción.
- Para realizar una instalación segura y firme, utilice solamente la ferretería de montaje suministrada.

### Ajuste del ángulo de montaje

Ajuste el ángulo de montaje a menos de 45°.

### Extracción del marco de protección y del soporte 4

Antes de instalar la unidad, retire el marco de protección ④ y el soporte ① de la misma.

- 1 Retire el marco de protección ④.  
Apriete ambos bordes del marco de protección ④ y, a continuación, tire de él hacia fuera.
- 2 Retire el soporte ①.  
① Inserte ambas llaves de liberación ③ entre la unidad y el soporte ① hasta que encajen.  
② Presione el soporte ① y, a continuación, levante la unidad para separar ambos elementos.

### Ejemplo de montaje 5

#### Instalación en el tablero

- Notas**
- Si es necesario, doble estos Uñas hacia fuera para que encaje firmemente (5-2).
  - Compruebe que los 4 anclajes del marco de protección ④ estén bien fijados en las ranuras de la unidad (5-3).

### Montaje de la unidad en un automóvil japonés 6

Es posible que no pueda instalar esta unidad en algunos automóviles japoneses. En tal caso, consulte a su distribuidor Sony.

**Nota**  
Para evitar que se produzcan fallas de funcionamiento, realice la instalación solamente con los tornillos suministrados ⑤.

### Forma de extraer e instalar el panel frontal 7

Antes de instalar la unidad, extraiga el panel frontal.

#### 7-A Para extraerlo

Antes de extraer el panel frontal, asegúrese de mantener presionado (SOURCE/OFF).  
Presione (OPEN) y, a continuación, deslice el panel frontal hacia la derecha y tire suavemente de su extremo izquierdo.

#### 7-B Para instalarlo

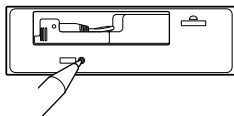
Coloque el orificio ④ del panel frontal en el eje ⑥ de la unidad y, a continuación, presione ligeramente el lado izquierdo hacia adentro.

### Advertencia: si el encendido del automóvil no dispone de una posición ACC

Asegúrese de ajustar la función de desconexión automática. Para obtener más información, consulte el manual de instrucciones suministrado.  
La unidad se apagará completa y automáticamente en el tiempo establecido después de que se desconecte la unidad, lo que evita que se desgaste la batería.  
Si no ha ajustado la función de desconexión automática, mantenga presionado (SOURCE/OFF) cada vez que apague el interruptor de encendido, hasta que la pantalla desaparezca.

### Botón RESET

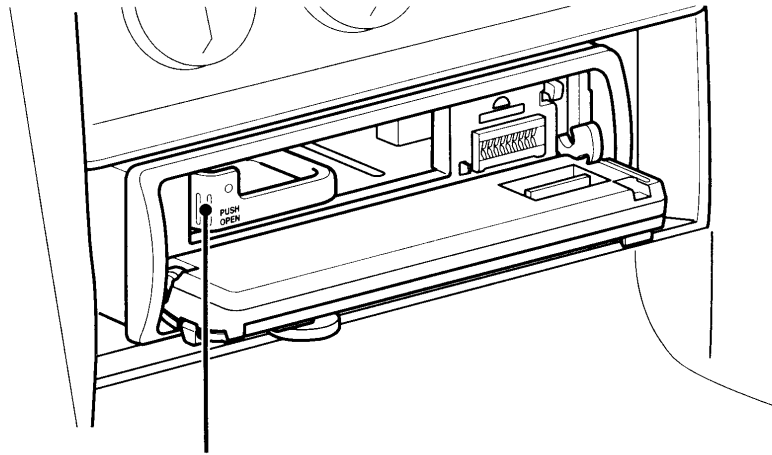
Una vez finalizada la instalación y las conexiones, desmonte el panel frontal y presione el botón RESET con un bolígrafo o un objeto similar.



## Notes on the TUNE TRAY (tray unit)

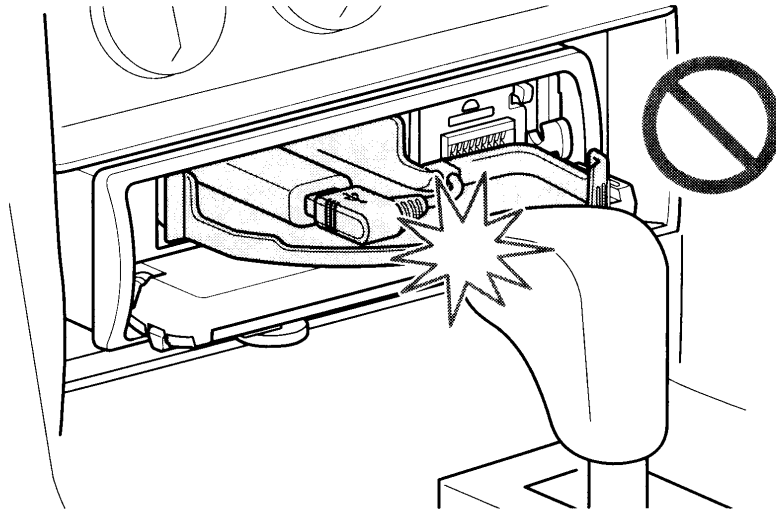
- Do not leave a USB device in a parked car, as malfunction may result.
- Do not place a cellular phone or a device with wireless communication functions on the TUNE TRAY, as it may not receive phone signals or communication may be terminated.
- Slide in the TUNE TRAY and close the front panel before playback, as damage may result in the case of an obstruction in the car, etc. (see fig. **A**).
- If the front panel does not fully open because of the dashboard shape at the installation position, detach the front panel and open the TUNE TRAY manually (see fig. **B**).
- Do not place non-USB devices on the TUNE TRAY, or foreign objects, such as coins, keys, cards, liquids, etc.
- Do not place a flammable object such as a lighter on the TUNE TRAY, as this may cause smoke, fire, or other accident.
- Due to an increase in the car's interior temperature, charging of the USB device battery may not work, depending on the USB device specification.
- Capacity of the tray: Approx. 65 × 17 × 118 mm (2 9/16 × 21/32 × 4 5/8 in) (w/h/d)
- If the size of the USB device alone or combined with the USB cable cannot be placed easily in the TUNE TRAY, the device may be exceeding the tray capacity.  
Do not slide in the TUNE TRAY or the USB cable forcefully.
- For iPod users, use the supplied adaptor XA-50IP. It is designed for use with this unit only, and should not be used with the other USB devices.
- For "WALKMAN" users, use of the optional adaptor XA-50WM is recommended. It is designed for use with this unit only, and should not be used with the other USB devices.



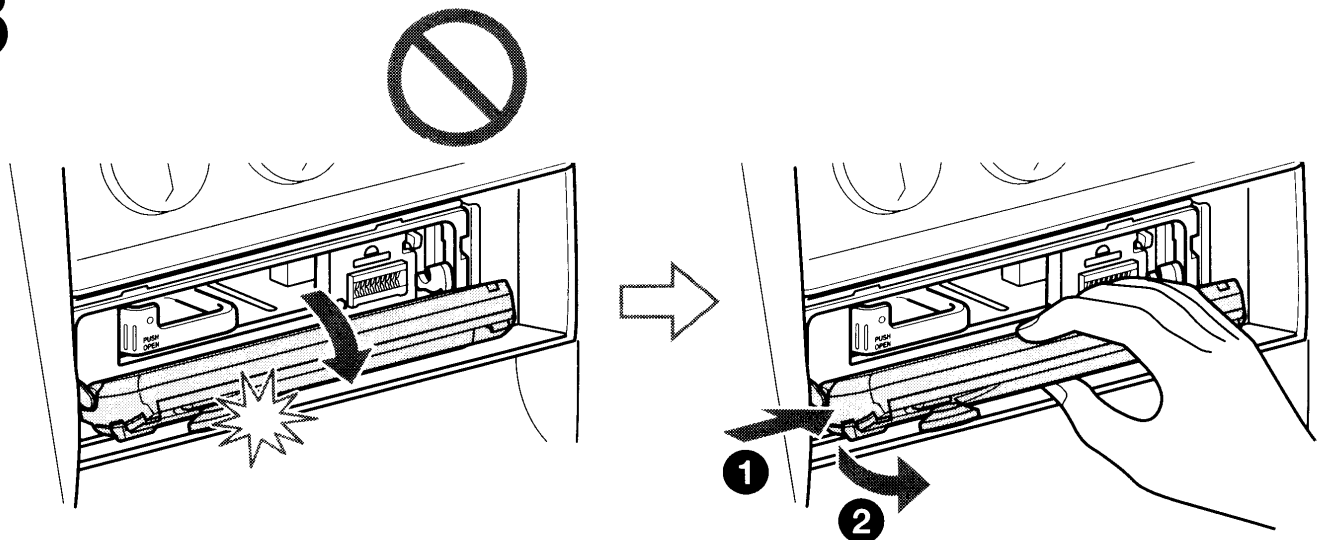


TUNE TRAY

**A**



**B**



## Notes on the TUNE TRAY (tray unit)

- Do not leave a USB device in a parked car, as malfunction may result.
- Do not place a cellular phone or a device with wireless communication functions on the TUNE TRAY, as it may not receive phone signals or communication may be terminated.
- Due to an increase in the car's interior temperature, charging of the USB device battery may not work, depending on the USB device specification.

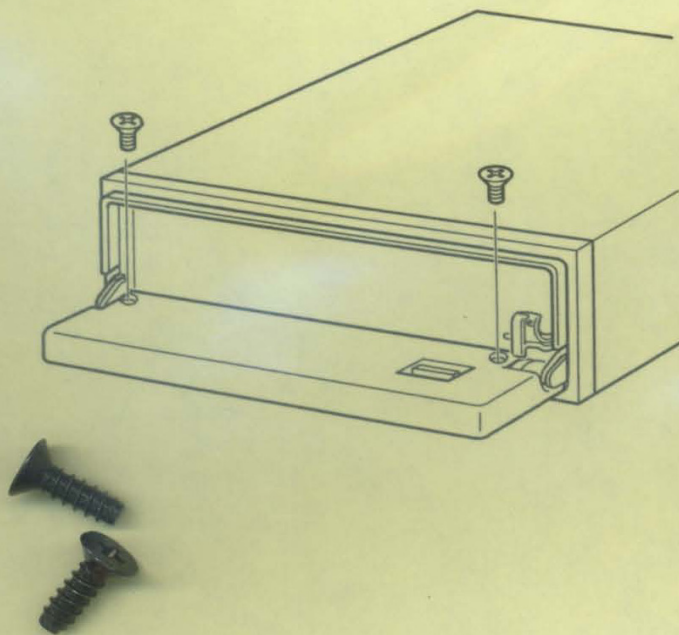
# SONY®

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## For Dealers

For display purposes it is necessary to secure the front panel to the unit as shown below.

**Open the front panel, then secure with the screws.**



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3-250-688-11(1)



## Garantie d'un an protégeant les consommateurs

Sony du Canada Ltée (Sony), sous réserve des modalités et conditions indiquées aux présentes, garantit le présent produit contre tout défaut de fabrication ou toute défaillance des matériaux entrant dans sa fabrication pour la période de garantie spécifiée. Si un défaut de fabrication ou une défaillance des matériaux survient pendant la période de garantie spécifiée, Sony veillera à réparer le produit en y effectuant tous les remplacements de pièces nécessaires par des pièces neuves ou remises à neuf et ce, sans frais quant aux pièces ou à la main-d'œuvre.

### La période de garantie est la suivante :

Main-d'œuvre et pièces : UN an à compter de la date d'achat originelle au détail.

### Conditions :

#### Modifications, réparations, abus non autorisés, etc. :

La présente garantie limitée est nulle si : (i) l'unité a été altérée, modifiée ou installée aux fins d'usage commercial, ou réparée ou entretenue par une personne autre qu'un centre de réparation autorisé par Sony afin d'effectuer de tels services. (ii) le numéro de série de l'unité a été altéré ou retiré, ou (iii) l'unité a subi un accident, un mauvais usage, un abus ou a été utilisée pour un usage contraire aux directives du mode d'emploi. L'opinion de Sony à cet effet est sans appel.

#### Usage commercial ou location :

Ce produit n'est pas conçu pour usage commercial ou location. Advenant que cette unité soit utilisée à des fins commerciales ou comme unité en location, la période de garantie limitée pour les pièces et la main-d'œuvre est réduite à 90 jours après la date d'achat originelle. L'opinion de Sony à cet effet est sans appel.

#### Exclusions :

La présente garantie limitée exclut les armoires, accessoires ou piles brisés ou endommagés; les antennes et stylets exposés, ou la défaillance de pièces découlant de leur usure normale. La présente garantie limitée exclut l'entretien régulier des produits, tels que le nettoyage, la lubrification ou les vérifications.

La présente garantie limitée ne couvre que l'équipement fourni avec le produit. Elle ne couvre aucune assistance technique quant à l'usage d'équipement ou de logiciel et ne couvre aucun logiciel, fourni ou non avec le produit. De tels logiciels sont fournis « TELS QUELS », sauf aux termes d'une garantie limitée de logiciel comprise dans l'emballage. Veuillez consulter les ententes d'usage comprises avec le produit pour connaître vos droits et obligations relativement aux logiciels.

### La présente garantie n'est valide qu'au Canada.

#### Livraison :

L'unité doit être livrée en personne à l'un des centres de réparation Sony du Canada, ou expédiée, dans son emballage d'origine ou un emballage équivalent accordant un niveau de protection équivalent, ainsi que des directives indiquant l'emplacement au Canada où l'unité peut être retournée. Si l'unité est expédiée à un centre de réparation, l'unité réparée sera retournée au client port payé. Tous les accessoires compris avec l'unité doivent être énumérés individuellement sur le bordereau d'expédition aux fins de documentation d'expédition. Les accessoires défectueux doivent être expédiés à Sony à titre d'article distinct à réparer. Sony n'est pas responsable des pertes ou dommages des articles en transit expédiés aux centres de réparation. Toute pièce remplacée aux termes de la présente garantie limitée devient la propriété de Sony. **Vous êtes responsable de faire une copie de sauvegarde de toutes données, logiciels ou autres que vous auriez pu stocker ou conserver sur votre unité. Il est fort probable que des données, logiciels ou autres seront perdus ou reformatés pendant la réparation, et Sony n'est pas responsable de tels dommages ou pertes.**

#### Preuve d'achat :

La présente garantie limitée s'applique au produit à compter de la date d'achat originelle au détail. Par conséquent, le propriétaire doit présenter une preuve d'achat originelle au détail.

#### Produit visés par la présente garantie :

La présente garantie limitée s'applique aux produits Sony suivants, et peut aussi s'appliquer à d'autres produits s'ils font partie de l'emballage d'origine du produit :

Accessoires audio / vidéo  
Produits audio / vidéo pour l'automobile  
Caméras vidéo et accessoires connexes  
Caméras photos numériques de type Cyber-shot® et accessoires connexes  
Radios-réveil munis d'un lecteur CD  
Lecteurs numériques de médias/Lecteurs numériques de musique  
Imprimantes / scanners de photos numérisées  
Enregistreurs numériques de la parole  
Enregistreurs numériques à circuits intégrés  
Systèmes audio pour la maison  
Systèmes de cinéma-maison  
Lecteurs et enregistreurs vidéo pour la maison  
Produits de navigation mobile  
Magnétophones à microcassettes  
Baladeurs Net MD/H-MMD  
Baladeurs réseau  
Lecteurs CD portables / munis d'un récepteur radio  
Lecteurs DVD portables  
Radios portables de type « casque d'écoute stéréo »  
Enregistreurs/lecteurs portables à MiniDisques  
Radios portables et lecteurs CD / avec lecteur cassettes  
Radios portables  
Récepteurs-enregistreurs radiophoniques combinés  
Magnétoscopes à cassettes et accessoires connexes  
Baladeurs vidéo

SAUF DANS LA MESURE OÙ LA LOI APPLICABLE L'INTERDIT, TOUTES LES AUTRES GARANTIES ET CONDITIONS, EXPRESSES OU IMPLICITES, RELLEVANT OU NON D'UNE LOI, D'UN ACTE LÉGISLATIF, D'HABITUDES COMMERCIALES ÉTABLIES OU D'USAGES DU COMMERCE, Y COMPRIS, NOTAMMENT, TOUTE GARANTIE IMPLICITE DE QUALITÉ MARCHANDE OU DE L'ADAPTABILITÉ À UNE FIN PARTICULIÈRE, SONT DÉSAVOUÉES. SONY NE SAURAIT EN AUCUN CAS ÊTRE RESPONSABLE D'UN MONTANT SUPÉRIEUR AU PRIX RÉEL D'ACHAT DU PRODUIT; ET SONY NE SAURAIT EN AUCUN CAS ÊTRE RESPONSABLE DE DOMMAGES SPÉCIAUX, ACCESSOIRES OU CONSÉCUTIFS SUBIS RELATIVEMENT AU PRODUIT. SONY N'ASSUME NI N'AUTORISE AUCUN REPRÉSENTANT OU QUICONQUE À ASSUMER EN SON NOM UNE OBLIGATION OU RESPONSABILITÉ AUTRE QUE CELLES QUI SONT EXPRESSÉMENT DÉCRITES AUX PRÉSENTES. L'EXCLUSION DE GARANTIES ET CONDITIONS IMPLICITES N'EST PAS AUTORISÉE DANS CERTAINS TERRITOIRES.

#### Enregistrement du produit :

Merci d'avoir choisi un produit Sony. Chez Sony, nous nous efforçons de créer des produits de la plus haute qualité afin de renforcer votre expérience et votre satisfaction. Afin d'assurer le meilleur soutien qui soit à votre produit, nous vous demandons de remplir une fiche d'enregistrement de produit sur le site [www.fr.SonyStyle.ca/enregistrement](http://www.fr.SonyStyle.ca/enregistrement) dans les quatre-vingt-dix (90) jours suivant la date d'achat.

Pour obtenir de l'aide concernant le service ou obtenir des renseignements sur le produit ou concernant l'enregistrement du produit, veuillez appeler le 1-877-899-7669. Pour obtenir des renseignements concernant la garantie prolongée Sony Care, veuillez appeler le 1-800-773-9667.

**Pour le support technique et les mises à jour en ligne en tout temps, vous pouvez visiter le**

[www.fr.sony.ca/sonyca/view/french/support\\_electronics.shtml](http://www.fr.sony.ca/sonyca/view/french/support_electronics.shtml)

**ou appeler le Centre d'information à la clientèle Sony au 1-877-899-7669.**



## Consumer 1 Year Warranty

Sony of Canada Ltd. ("Sony") hereby warrants, subject to the terms and conditions herein set forth, this product against defects in material and workmanship during the specified warranty period. In the event of a defect of material or workmanship during the specified warranty period, Sony will repair the same, effecting all necessary parts replacements with either new or refurbished parts, without charge for either parts or labour.

### The warranty period is as follows:

Labour and Parts: ONE year from the date of original purchase at retail.

### Conditions:

#### Unauthorized Modification, Repair, Abuse, Etc.:

This limited warranty is void if: (i) the unit has been previously altered, modified, installed or mounted for commercial use, or repaired or serviced by anyone other than the service facilities authorized by Sony to render such services, (ii) the serial number on the unit has been altered or removed, or (iii) the unit has been subject to accident, misuse, abuse or operated contrary to the instructions contained in the Owner's Manual. The opinion of Sony with respect to this matter shall be final.

#### Commercial Use or Rental:

This product is not intended for commercial use or rental. Should this unit be used at any time for commercial purposes or as a rental unit, the limited warranty period for parts and labour shall be 90 days from the date of original purchase at retail. The opinion of Sony with respect to this matter shall be final.

### Exclusions:

This limited warranty does not extend to broken or damaged cabinets, accessories, batteries, exposed antennas and styluses, or to parts wearing out due to normal wear and tear. This limited warranty does not cover regular product maintenance such as cleaning, lubrication or check-ups.

This limited warranty covers only the hardware components packaged with the product. It does not cover technical assistance for hardware or software usage and it does not cover any software products whether or not contained in the product. Any such software is provided "AS IS" unless expressly provided for in any enclosed software limited warranty. Please refer to the End User License Agreements included with the product for your rights and obligations with respect to the software.

### This limited warranty is valid only in Canada.

### Delivery:

The unit must be delivered in person to one of the nearest Sony service facilities in Canada, or shipped, freight prepaid, in either its original package or similar package affording an equal degree of protection and with instructions indicating a location within Canada to which the unit may be returned. If shipped to the service facility, the repaired unit will be returned to customer freight prepaid. All accessories that are enclosed with the unit must be listed individually on the packing slip for the shipping documentation. Defective accessories should be shipped to Sony as a separate repair item. Sony shall have no liability whatsoever for loss or damage in transit of items shipped to service facilities. Any parts replaced under this limited warranty will become the property of Sony. **It is your responsibility to back up any data, software or other materials you may have stored or preserved on your unit. It is likely that such data, software, or other materials will be lost or reformatted during service and Sony will not be responsible for any such damage or loss.**

### Proof of Purchase:

This limited warranty applies to the product from the original date of purchase at retail. The owner must furnish proof of original purchase at retail.

### Subject Products:

This limited warranty is applicable to the following Sony Products, and may also be applicable to other Sony products if enclosed in the product's original packaging:

Audio/Video Accessories  
Car Audio/Video Products  
Camcorders and related accessories  
Cyber-shot® Digital still Camera and related accessories  
Clock Radio/with CD Players  
Digital Media Players/ Digital Music Players  
Digital Photo Printers/Scanners  
Digital Voice Recorder  
IC Chip Recorders  
Home Audio Systems  
Home Theatre System  
Home Video Player and Recorders  
Mobile Navigation Products  
Microcassette recorder  
Net MD/H-MMD Walkman  
Network Walkman  
Portable CD Players/ with Radio  
Portable DVD Players  
Portable Headset Stereo Radios  
Portable MiniDisc Recorder/Players  
Portable Radio CD Players /with Cassette  
Portable Radio  
Radio Cassette Combinations  
Video Cassette Recorders and related accessories  
Video Walkman

EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ALL OTHER WARRANTIES AND CONDITIONS, EXPRESS OR IMPLIED, WHETHER ARISING BY LAW, BY STATUTE, BY COURSE OF DEALING OR USAGE OF TRADE, INCLUDING WITHOUT LIMITATION IMPLIED WARRANTIES OF MERCHANTABILITY, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. UNDER NO CIRCUMSTANCES SHALL SONY BE LIABLE FOR AN AMOUNT GREATER THAN THE ACTUAL PURCHASE PRICE OF THE UNIT OR FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES SUSTAINED IN CONNECTION WITH SAID UNIT AND SONY NEITHER ASSUMES NOR AUTHORIZES ANY REPRESENTATIVE OR OTHER PERSON TO ASSUME FOR IT ANY OBLIGATION OR LIABILITY OTHER THAN SUCH AS IS EXPRESSLY SET FORTH HEREIN. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES AND CONDITIONS.

### Product Registration:

Thank you for choosing a Sony product. At Sony, we strive to create products of the highest quality to enhance your experience and enjoyment. To provide the best support for your product, we request that you complete a product registration form at [www.SonyStyle.ca/registration](http://www.SonyStyle.ca/registration) within 90 days of purchase.

For service assistance, product information, or product registration please call: 1-877-899-7669. For information about a Sony Care Extended Warranty, please call 1-800-773-9667.

**For online product support and updates at any time, please visit:**  
[www.sony.ca/sonyca/view/english/support\\_electronics.shtml](http://www.sony.ca/sonyca/view/english/support_electronics.shtml),  
**or call the Sony Customer Information Centre at 1-877-899-7669.**

SONY®

Car Audio

# LIMITED WARRANTY (U.S. Only)

Sony Electronics Inc. ("Sony") warrants this product against defects in material or workmanship for the time periods and as set forth below. Pursuant to this Limited Warranty, Sony will, at its option, (i) repair the product using new or refurbished parts or (ii) replace the product with a new or refurbished product. For purposes of this Limited Warranty, "refurbished" means a product or part that has been returned to its original specifications. **In the event of a defect, these are your exclusive remedies.**

**Labor:** For a period of one (1) year from the original date of purchase of the product ("Labor Warranty"), Sony will, at its option, repair or replace with new or refurbished product, product determined to be defective. If Sony elects to replace the product after this Labor Warranty has expired but while the Parts Warranty below is still in effect, it will do so for the applicable labor charge.

**Parts:** For a period of one (1) year from the original date of purchase of product ("Parts Warranty"), Sony will supply new or refurbished replacement parts in exchange for parts determined to be defective.

This Limited Warranty covers only the hardware components packaged with the Product. It does not cover technical assistance for hardware or software usage and it does not cover any software products whether or not contained in the Product; any such software is provided "AS IS" unless expressly provided for in any enclosed software Limited Warranty. Please refer to the End User License Agreements included with the Product for your rights and obligations with respect to the software.

**Instructions:** To obtain warranty service, you must deliver the product, freight prepaid, in either its original packaging or packaging affording an equal degree of protection to the Sony authorized service facility specified. **It is your responsibility to backup any data, software or other materials you may have stored or preserved on your unit. It is likely that such data, software, or other materials will be lost or reformatted during service and Sony will not be responsible for any such damage or loss.** A dated purchase receipt is required. For specific instructions on how to obtain warranty service for your product,

Visit Sony's Web Site:  
[www.sony.com/service](http://www.sony.com/service)

Or call the **Sony Customer Information Service Center**  
**1-800-222-SONY(7669)**

For an accessory or part not available from your authorized dealer, call:

1-800-488-SONY (7669)

**Repair / Replacement Warranty:** This Limited Warranty shall apply to any repair, replacement part or replacement product for the remainder of the original Limited Warranty period or for ninety (90) days, whichever is longer. Any parts or product replaced under this Limited Warranty will become the property of Sony.

This Limited Warranty only covers product issues caused by defects in material or workmanship during ordinary consumer use; it does not cover product issues caused by any other reason, including but not limited to product issues due to commercial use, acts of God, misuse, limitations of technology, or modification of or to any part of the Sony product. This Limited Warranty does not cover Sony products sold AS IS or WITH ALL FAULTS or consumables (such as fuses or batteries). This Limited Warranty is invalid if the factory-applied serial number has been altered or removed from the product. This Limited Warranty is valid only in the United States.

**LIMITATION ON DAMAGES:** SONY SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT.

**DURATION OF IMPLIED WARRANTIES:** EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This Limited Warranty gives you specific legal rights and you may have other rights which vary from state to state.