SONY

4-489-404-**12**(1)

Bluetooth® Audio System

Operating Instructions GB

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. MEX-M70BT

Serial No. _____

To switch the FM/AM tuning step, see page 8.
To cancel the demonstration (DEMO) display, see page 19.

Pour commuter l'intervalle de syntonisation FM/AM, reportez-vous à la page 8.
Pour annuler l'affichage de démonstration (DEMO), reportez-vous à la page 21.

Para cambiar el paso de sintonización de FM/AM, consulte la página 8.
Para cancelar la pantalla de demostración (DEMO), consulte la página 20.

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

Warning

FOR THE CUSTOMERS IN THE USA. NOT APPLICABLE IN CANADA, INCLUDING IN THE PROVINCE OF QUEBEC.

POUR LES CLIENTS 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.

This device complies with Part 15 of the FCC Rules and Industry Canada licence-exempt RSS standard(s).
Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20 cm or more away from person's body.

CAUTION
The use of optical instruments with this product will increase eye hazard.

Laser Diode Properties
• Emission Duration: Continuous
• Laser Output: Less than 53.3 µW
(This output is the value measurement at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block with 7 mm aperture.)

For the State of California, USA only
Perchlorate Material – special handling may apply, See
www.dtsc.ca.gov/hazardouswaste/perchlorate
Perchlorate Material: Lithium battery contains perchlorate

Made in Thailand

The nameplate indicating operating voltage, etc., is located on the bottom of the chassis.

CE

Hereby, Sony Corp., declares that this MEX-M70BT is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
For details, please access the following URL:
http://www.compliance.sony.de/

Notice for customers: the following information is only applicable to equipment sold in countries applying EU Directives

Manufacturer: Sony Corporation, 1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan
For EU product compliance: Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany

Disposal of waste batteries and electrical and electronic equipment (applicable in the European Union and other European countries with separate collection systems)

This symbol on the product, the battery or on the packaging indicates that the product and the battery shall not be treated as household waste. On certain batteries this symbol might be used in combination with a chemical symbol. The chemical symbols for mercury (Hg) or lead (Pb) are added if the battery contains more than 0.0005% mercury or 0.004% lead. By ensuring these products and batteries are disposed of correctly, you will help prevent potentially negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling. The recycling of the materials will help to conserve natural resources.
In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by qualified service staff only. To ensure that the battery and the electrical and electronic equipment will be treated properly, hand over these products at end-of-life to the applicable collection point for the recycling of electrical and electronic equipment. For all other batteries, please view the section on how to remove the battery from the product safely. Hand the battery over to the applicable collection point for the recycling of waste batteries. For more detailed information about recycling of this product or battery, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product or battery.

Note on the lithium battery

Do not expose the battery to excessive heat such as direct sunlight, fire or the like.

Note on the waterproof cover of the unit

Under the environment of potential water splash, Sony highly recommends to protect the unit with Waterproof Car Stereo Cover (not supplied).
While an iPod or USB device is connected, the Waterproof Car Stereo Cover cannot be fully closed. Avoid splashing water on the unit.

Warning if your boat's ignition has no ACC position

Be sure to set the AUTO OFF function (page 19). 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 OFF until the display disappears each time you turn the ignition off.

Notes on BLUETOOTH function

Caution

IN NO EVENT SHALL SONY BE LIABLE FOR ANY INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR OTHER DAMAGES INCLUDING, WITHOUT LIMITATION, LOSS OF PROFITS, LOSS OF REVENUE, LOSS OF DATA, LOSS OF USE OF THE PRODUCT OR ANY ASSOCIATED EQUIPMENT, DOWNTIME, AND PURCHASER'S TIME RELATED TO OR ARISING OUT OF THE USE OF THIS PRODUCT, ITS HARDWARE AND/OR ITS SOFTWARE.

IMPORTANT NOTICE!

Safe and efficient use

Changes or modifications to this unit not expressly approved by Sony may void the user's authority to operate the equipment.
Please check for exceptions, due to national requirement or limitations, in usage of BLUETOOTH equipment before using this product.

Driving

Check the laws and regulations on the use of cellular phones and handsfree equipment in the areas where you drive.
Always give full attention to driving and stop the boat in a safe place before making or answering a call if driving conditions so require.

Connecting to other devices

When connecting to any other device, please read its user guide for detailed safety instructions.

Radio frequency exposure

RF signals may affect improperly installed or inadequately shielded electronic systems in boats, such as electronic fuel injection systems, electronic antiskid (antilock) braking systems, electronic speed control systems or air bag systems. For installation or service of this device, please consult with the manufacturer or its representative of your boat. Faulty installation or service may be dangerous and may invalidate any warranty that may apply to this device.
Consult with the manufacturer of your boat to ensure that the use of your cellular phone in the boat will not affect its electronic system.
Check regularly that all wireless device equipment in the boat is mounted and operating properly.

Emergency calls

This BLUETOOTH boat handsfree and the electronic device connected to the handsfree operate using radio signals, cellular, and landline networks as well as user-programmed function, which cannot guarantee connection under all conditions. Therefore do not rely solely upon any electronic device for essential communications (such as medical emergencies).

Remember, in order to make or receive calls, the handsfree and the electronic device connected to the handsfree must be switched on in a service area with adequate cellular signal strength.
Emergency calls may not be possible on all cellular phone networks or when certain network services and/or phone features are in use.
Check with your local service provider.

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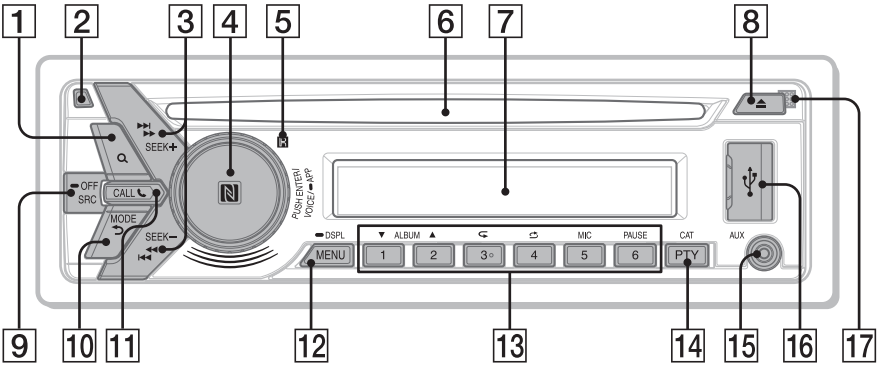
Guide to Parts and Controls

Main unit



The number 3/⊊ (repeat) button has a tactile dot.

1 **Q (browse) (page 14, 15)**
Enter the browse mode during playback.

2 **Front panel release button**

3 **SEEK +/–**
Tune in radio stations automatically. Press and hold to tune manually.

I◄◄ /►►I (prev/next)
◄◄/►► (fast-reverse/fast-forward)

4 **Control dial**
Rotate to adjust the volume.

ENTER
Enter the selected item.
Press SRC, rotate then press to change the source.

VOICE (page 17)
Activate voice dial.
When the App Remote function is on, the voice recognition is activated (Android™ phone only).

-APP
Press and hold for more than 2 seconds to establish App Remote function (connection).

N-Mark
Touch the control dial with Android phone to make BLUETOOTH connection.

5 **Receptor for the remote commander**

6 **Disc slot**

7 **Display window**

8 **⏏ (disc eject)**

9 **SRC (source)**
Turn on the power.
Change the source.

-OFF
Press and hold for 1 second to turn off the power.
Press and hold for more than 2 seconds to turn off the power and the display.
If the unit is turned off and the display disappears, it is unable you to operate with the remote.

10 **⮌ (back)**
Return to the previous display.

MODE (page 11, 13, 15, 17)

11 **CALL ✆**
Enter the call menu. Receive/end a call.
Press and hold more than 2 seconds to switch the BLUETOOTH signal.

12 **MENU**
Open the setup menu.

-DSPL (display)
Press and hold, then press to change display items.

13 **Number buttons (1 to 6)**
Receive stored radio stations. Press and hold to store stations.
Call a stored phone number. Press and hold to store a phone number.

ALBUM ▼/▲
Skip an album for audio device. Press and hold to skip albums continuously.
Press ▲ to thumbs up, or ▼ to thumbs down in Pandora® (page 15).

⊊ (repeat)

⇄ (shuffle)

MIC (page 17)

PAUSE

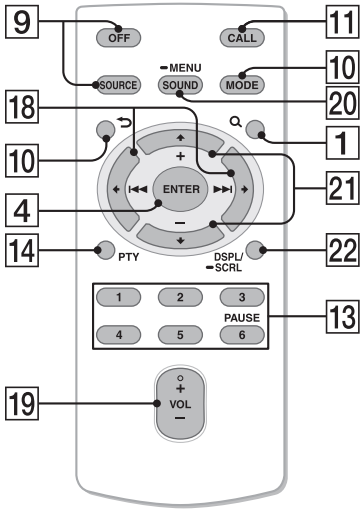
14 **PTY (program type)**
Select PTY in RDS.
CAT (category)
Select radio channels in SiriusXM.

15 **AUX input jack**

16 **USB port**

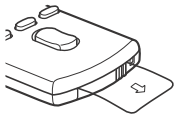
17 **Microphone (on the inner panel)**
To make the handsfree function work properly, do not cover the microphone with tape, etc.

RM-X231 Remote



The VOL (volume) + button has a tactile dot.

Remove the insulation film before use.



18 **⬅ (I◀◀)/➡ (▶▶I)**

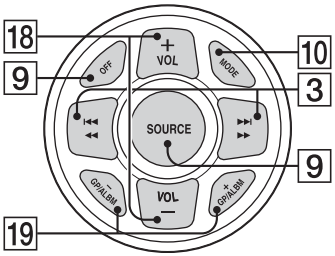
19 **VOL (Volume) +/–**

20 **SOUND**
Open the SOUND menu directly.
-MENU
Press and hold to open the setup menu.

21 **⬆ (+)/⬇ (–)**

22 **DSPL (display)/-SCRL(scroll)**
Change display items. Press and hold to scroll a display item.

RM-X11M Marine remote (not supplied)



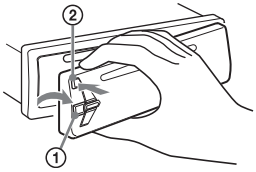
18 **VOL (volume) +/–**

19 **GP (group)/ALBM (album) +/–**
Receive stored stations.

Detaching the Front Panel

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

1. **Press and hold OFF ①.**
   The unit is turned off.
2. **Press the front panel release button ②, then remove the panel by pulling it towards you.**



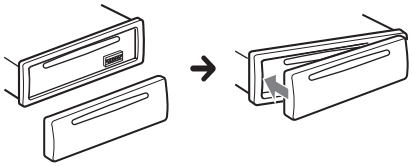
Caution alarm

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.

Serial numbers

Make sure the serial numbers on the bottom of the unit and the back of the front panel are matched correctly. Otherwise you cannot make BLUETOOTH pairing, connection and disconnection by NFC.

Attaching the front panel



Switching the FM/AM Tuning Step

Set the FM/AM tuning step of your country. This setting appears when this unit is turned off.

1. **Press and hold SELECT.**
   The setup display appears.
2. **Rotate the control dial to select [TUNER-STP], then press it.**
3. **Rotate the control dial to select from [50K/9K], [100K/10K] or [200K/10K], then press it.**

Setting the Clock

1. **Press MENU, rotate the control dial to select [GENERAL], then press it.**
2. **Rotate the control dial to select [CLOCK-ADJ], then press it.**
   The hour indication flashes.
3. **Rotate the control dial to set the hour and minute.**
   To move the digital indication, press SEEK +/–.
4. **After setting the minute, press MENU.**
   The setup is complete and the clock starts.

To display the clock, press DSPL.

Preparing a BLUETOOTH Device

You can enjoy music, or perform handsfree calling, by connecting a suitable BLUETOOTH device. For details on connecting, refer to the operating instructions supplied with the device.
Before connecting the device, turn down the volume of this unit; otherwise, loud sound may result.

Pairing and connecting with a BLUETOOTH device

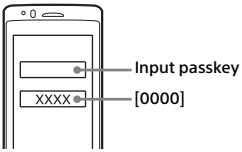
When connecting a BLUETOOTH device (cellular phone, audio device, etc.) for the first time, mutual registration (called “pairing”) is required. Pairing enables this unit and other devices to recognize each other.

1. **Place the BLUETOOTH device within 1 m (3 ft) of this unit.**
2. **Press CALL, rotate the control dial to select [PAIRING], then press it.**
   flashes.
   The unit enters pairing standby mode.
3. **Perform pairing on the BLUETOOTH device so it detects this unit.**

4 **Select [Sony Car Audio] shown in the display of the BLUETOOTH device.**
If [Sony Car Audio] does not appear, repeat from step 2.

5 **If passkey* input is required on the BLUETOOTH device, input [0000].**

* Passkey may be called “Passcode,” “PIN code,” “PIN number” or “Password,” etc., depending on the device.



When pairing is made, stays lit.

6 **Select this unit on the BLUETOOTH device to establish the BLUETOOTH connection.**
or lights up when the connection is made.

Note
While connecting to a BLUETOOTH device, this unit cannot be detected from another device. To enable detection, enter the pairing mode and search for this unit from another device.

To cancel pairing
Perform step 2 to cancel the pairing mode after this unit and the BLUETOOTH device are paired.

Connecting with a paired BLUETOOTH device

To use a paired device, connection with this unit is required. Some paired devices will connect automatically.

1 **Press CALL, rotate the control dial to select [BT SIGNL], then press it.**
Make sure that lights up.

2 **Activate the BLUETOOTH function on the BLUETOOTH device.**

3 **Operate the BLUETOOTH device to connect to this unit.**
or lights up.

Icons in the display:

	Lights up when a cellular phone is connected to the unit.
	Lights up when an audio device is connected to the unit.
	Indicates the signal strength status of connected cellular phone.

To connect the last-connected device from this unit
Activate the BLUETOOTH function on the BLUETOOTH device.
Press SRC.
Select [BT PHONE] or [BT AUDIO].
Press ENTER to connect with the cellular phone, or PAUSE to connect with the audio device.

Note
While streaming BLUETOOTH audio, you cannot connect from this unit to the cellular phone. Connect from the cellular phone to this unit instead.

Tip
With BLUETOOTH signal on: when the ignition is turned to on, this unit reconnects automatically to the last-connected cellular phone.

To install the microphone
For details on how to connect the microphone, refer to the supplied “Installation/Connections” guide.

Connecting with a Smartphone by One touch (NFC)

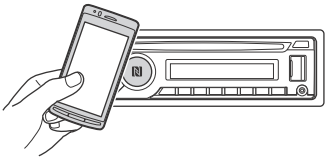
By touching the control dial on the unit with an NFC* compatible smartphone, the unit is paired and connected with the smartphone automatically.

* NFC (Near Field Communication) is a technology enabling short-range wireless communication between various devices, such as mobile phones and IC tags. Thanks to the NFC function, data communication can be achieved easily just by touching the relevant symbol or designated location on NFC compatible devices.

For a smartphone with Android OS 4.0 or lower installed, downloading the app “NFC Easy Connect” available at Google Play™ is required. The app may not be downloadable in some countries/regions.

1 **Activate the NFC function on the smartphone.**
For details, refer to the operating instructions supplied with the smartphone.

2 Touch the N-Mark part of the unit with the N-Mark part of the smartphone.



Make sure that ᛒ lights up on the display of the unit.

To disconnect by One touch

Touch the N-Mark part of the unit with the N-Mark part of the smartphone again.

Notes

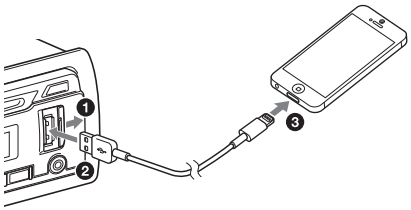
- When making the connection, handle the smartphone carefully to prevent scratches.
- One touch connection is not possible when the unit is already connected to another NFC compatible device. In this case, disconnect the other device, and make connection with the smartphone again.

Connecting with an iPhone/iPod (BLUETOOTH Auto Pairing)

When an iPhone/iPod with iOS5 or later installed is connected to the USB port, the unit is paired and connected with the iPhone/iPod automatically.
To enable BLUETOOTH Auto Pairing, make sure [AUTO PAIRING] in BT setup is set to [ON] (page 21).

1 Activate the BLUETOOTH function on the iPhone/iPod.

2 Connect an iPhone/iPod to the USB port.



Make sure that ᛒ lights up on the display of the unit.

Note

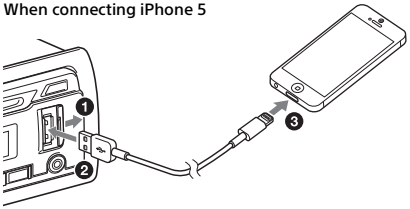
BLUETOOTH Auto Pairing is not possible if the unit is already connected to another BLUETOOTH device. In this case, disconnect the other device, then connect the iPhone/iPod again.

Connecting an iPod/USB Device

1 Turn down the volume on the unit.

2 Connect the iPod/USB device to the unit.
To connect an iPod/iPhone, use the USB connection cable for iPod (not supplied).
The rear USB port is also available.

When connecting iPhone 5



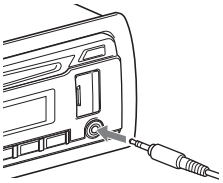
Connecting Other Portable Audio Device

1 Turn off the portable audio device.

2 Turn down the volume on the unit.

3 Connect the portable audio device to the AUX input jack (stereo mini jack) on the unit with a connecting cord (not supplied)*.

* Be sure to use a straight type plug.



4 Press SRC to select [AUX].

To match the volume level of the connected device to other sources

Start playback of the portable audio device at a moderate volume, and set your usual listening volume on the unit.
Press MENU and rotate the control dial.
Select [SOUND] → [AUX VOL] (page 21).

Listening to the Radio

Tuning step setting is required (page 8).
To listen to the radio, press SRC to select [TUNER].

Storing automatically (BTM)

1 Press MODE to change the band (FM1, FM2, FM3, AM1 or AM2).

2 Press MENU, rotate the control dial to select [GENERAL], then press it.

3 Rotate the control dial to select [BTM], then press it.
The unit stores stations in order of frequency on the number buttons.

Tuning

1 Press MODE to change the band (FM1, FM2, FM3, AM1 or AM2).

2 Perform tuning.

To tune manually
Press and hold SEEK +/– to locate the approximate frequency, then press SEEK +/– repeatedly to fine adjust to the desired frequency.

To tune automatically
Press SEEK +/–.
Scanning stops when the unit receives a station. Repeat this procedure until the desired station is received.

Storing manually

1 While receiving the station that you want to store, press and hold a number button (1 to 6) until [MEM] appears.

Receiving the stored stations

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

Using Radio Data System (RDS)

Selecting program types (PTY)

Use PTY to display or search for a desired program type.

1 Press PTY during FM reception.

2 Rotate the control dial until the desired program type appears, then press it.
The unit starts to search for a station broadcasting the selected program type.

Type of programs (tuner step: 200 kHz/10 kHz)

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)

Type of programs (tuner step: 100 kHz/10 kHz, 50 kHz/9 kHz)

NEWS (News), **AFFAIRS** (Current Affairs), **INFO** (Information), **SPORT** (Sports), **EDUCATE** (Education), **DRAMA** (Drama), **CULTURE** (Culture), **SCIENCE** (Science), **VARIED** (Varied), **POP M** (Pop Music), **ROCK M** (Rock Music), **EASY M** (M.O.R. Music), **LIGHT M** (Light classical), **CLASSICS** (Serious classical), **OTHER M** (Other Music), **WEATHER** (Weather), **FINANCE** (Finance), **CHILDREN** (Children's program), **SOCIAL A** (Social Affairs), **RELIGION** (Religion), **PHONE IN** (Phone In), **TRAVEL** (Travel), **LEISURE** (Leisure), **JAZZ** (Jazz Music), **COUNTRY** (Country Music), **NATION M** (National Music), **OLDIES** (Oldies Music), **FOLK M** (Folk Music), **DOCUMENT** (Documentary)

Setting clock time (CT)

The CT data from the RDS transmission sets the clock.

1 Set [CT-ON] in GENERAL setup (page 19).

Listening to the SiriusXM Radio

To listen to the SiriusXM, press SRC to select [SIRIUSXM].

Preparing for the SiriusXM Vehicle Tuner

Everything worth listening to is on SiriusXM, getting over 130 channels, including the most commercial-free music, plus the best sports, news, talk and entertainment. A SiriusXM Vehicle Tuner (sold separately) and Subscription are required. For more information, visit www.siriusxm.com

To listen to SiriusXM Satellite Radio, a subscription is required. Activate the SiriusXM Vehicle Tuner using one of the two methods below:

- Online: Go to www.siriusxm.com/activatenow
- Phone: Call 1-866-635-2349

For SiriusXM activation, the Radio ID is required.

To display the SiriusXM Radio ID

1. During playback, press 🔍 (browse) to enter the browse mode.
2. Rotate the control dial to select the channel [0], then press it.

Selecting channels for SiriusXM

1. Press 🔍 (browse).
2. Rotate the control dial to select the desired channel, then press it.

To select channels from categories

1. Press CAT.
2. Rotate the control dial to select the desired category, then press it.

To store channels

1. While receiving the channel that you want to store, press and hold a number button (1 to 6) until [MEM] appears.

To receive the stored channel, press MODE to select [SX1], [SX2] or [SX3], then press a number button (1 to 6).

To set a parental control

Some SiriusXM channels contain content that is not suitable for children. You can enable a parental control passcode for these channels.

1. Press MENU and rotate the control dial.
2. Select [GENERAL] → [PARENTAL] → [LOCK SEL] → [LOCK-ON].
3. Enter the passcode, then press ENTER.
   The initial passcode is [0000].

To unlock the channels, select [OFF].

To change the passcode

1. Press MENU and rotate the control dial.
2. Select [GENERAL] → [PARENTAL] → [CODE EDIT].
3. Enter the current passcode on the current passcode input display, then press ENTER.
   The initial passcode is [0000].
4. Enter your new 4-digit passcode on the new passcode input display, then press ENTER.

To change display items

Press and hold, then press DSPL to change as follows:
Channel Number (Default) → Channel Name → Artist Name → Song Title → Content Info → Category Name → Clock

Playing a Disc

1 Insert the disc (label side up).

Playback starts automatically.

Playing an iPod/USB Device

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

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

MSC (Mass Storage Class)-type USB devices (such as a USB flash drive, digital media player, Android phone) compliant with the USB standard can be used.
Depending on the digital media player or Android phone, setting the USB connection mode to MSC is required.

Notes
- For details on the compatibility of your USB device, visit the support site on the back cover.
- Playback of the following MP3/WMA/WAV files is not supported.
  - lossless compression files
  - copyright-protected files
  - DRM (Digital Rights Management) files
  - Multi-channel audio files

1 Connect an iPod/USB device to the USB port (page 10).
Playback starts.
If a device is already connected, to start playback, press SRC to select [USB1] for the USB port on the front, or [USB2] for the USB port on the rear. ([IPD] appears in the display when an iPod is recognized.)

2 Adjust the volume on this unit.

To stop playback
Press and hold OFF for 1 second.

To remove the device
Stop playback, then remove the device.

Caution for iPhone
When you connect an iPhone via USB, phone call volume is controlled by the iPhone, not the unit. Do not inadvertently increase the volume on the unit during a call, as sudden loud sound may result when the call ends.

Operating an iPod directly (Passenger control)

Press and hold MODE during playback until [MODE IPOD] appears to enable operation by the iPod directly.
Note that the volume can be adjusted only by the unit.

To exit passenger control
Press and hold MODE until [MODE AUDIO] appears.

Playing a BLUETOOTH Device

You can play contents on a connected device that supports BLUETOOTH A2DP (Advanced Audio Distribution Profile).

1 Make BLUETOOTH connection with the audio device (page 8).

2 Press SRC to select [BT AUDIO].

3 Operate the audio device to start playback.

4 Adjust the volume on this unit.

Notes
- Depending on the audio device, information such as title, track number/time and playback status may not be displayed on this unit.
- Even if the source is changed on this unit, playback of the audio device does not stop.
- [BT AUDIO] does not appear in the display while running the “App Remote” application via the BLUETOOTH function.

To match the volume level of the BLUETOOTH device to other sources
Start playback of the BLUETOOTH audio device at a moderate volume, and set your usual listening volume on the unit.
Press MENU and rotate the control dial.
Select [SOUND] → [BTA VOL] (page 21).

Searching and Playing Tracks

Repeat play and shuffle play

1 During playback, press ↻ (repeat) for Repeat play, or ⇄ (shuffle) for Shuffle play.

2 Press ↻ (repeat) or ⇄ (shuffle) repeatedly to select the desired play mode.
Playback in selected play mode may take time to start.

Available play modes differ depending on the selected sound source.

Searching a track by name (Quick-BrowZer™)

1 During CD, USB or BT audio device*1 playback, press 🔍 (browse)*2 to display the list of search categories.
When the track list appears, press ↩ (back) repeatedly to display the desired search category.

*1 Available only for audio devices supporting AVRCP (Audio Video Remote Control Profile) 1.4 or above.
*2 During USB playback, press 🔍 (browse) for more than 2 seconds to directly return to the beginning of the category list.

2 Rotate the control dial to select the desired search category, then press it to confirm.

3 Repeat step 2 to search the desired track.
Playback starts.

To exit the Quick-BrowZer mode
Press 🔍 (browse).

Searching by skipping items (Jump mode)

1 Press 🔍 (browse).

2 Press SEEK +.

3 Rotate the control dial to select the item.
The list is jumped in steps of 10% of the total number of items.

4 Press ENTER to return to the Quick-BrowZer mode.
The selected item appears.

5 Rotate the control dial to select the desired item, then press it.
Playback starts.

Listening to Pandora®

Pandora® is available to stream music through your iPhone, Android™ and BlackBerry® phones. You can control Pandora® on a USB-connected iPhone or BLUETOOTH connected Android/BlackBerry phone from this unit.
The Pandora® service is not available in some countries/regions.

Preparing for Pandora®

1. To check for compatible devices, visit the support site on the back cover.
2. Download the latest version of the Pandora® application from your smartphone's app store. A list of compatible devices can be found at www.pandora.com/everywhere/mobile

For Android phone only
You cannot control Pandora® via the BLUETOOTH function while running the "App Remote" application via BLUETOOTH.

Streaming Pandora®

1. Connect this unit with the mobile device.
   - iPhone via USB (page 10)
   - Android/BlackBerry phone via BLUETOOTH function (page 8)
2. Press SRC to select [PANDORA USB] or [BT PANDORA].
3. Launch Pandora® application on the mobile device.
4. Press PAUSE to start playback.

If the device number appears
Make sure that the same numbers are displayed (e.g., 123456) in this unit and the mobile device, then press ENTER on this unit and select [Yes] on the mobile device.

When activating the BLUETOOTH function
You can adjust the volume level.
Press MENU and rotate the control dial. Select [SOUND] → [BTA VOL] (page 21).

Available Operations in the Pandora®

"Thumbs" feedback

"Thumbs Up" or "Thumbs Down" feedback allows you to personalize stations.

Thumbs Up
During playback, press ▲.

Thumbs Down
During playback, press ▼.

Using the station list

The station list allows you to easily select a desired station.

1. During playback, press 🔍 (browse).
2. Press SEEK + to select the sorting order [BY DATE] or [A TO Z].
3. Rotate the control dial to select the desired station, then press it.
   Playback starts.

Bookmarking

The track or artist currently being played can be bookmarked and stored in your Pandora® account.

1. During playback, press and hold MODE until [BOOKMARK] appears.
2. Rotate the control dial to select [TRK] (track) or [ART] (artist), then press it.

Handsfree Calling

To use a cellular phone, connect it with this unit. For details, see "Preparing a BLUETOOTH Device" (page 8).

Receiving a Call

1 **Press CALL when a call is received with a ringtone.**
The phone call starts.

Note
The ringtone and talker's voice are output only from the front speakers.

To reject the call
Press and hold OFF for 1 second.

To end the call
Press CALL again.

Making a Call

You can make a call from the phonebook or call history when a cellular phone supporting PBAP (Phone Book Access Profile) is connected.

Calling from the phonebook

1 **Press CALL, rotate the control dial to select [PHONEBOOK], then press it.**

2 **Rotate the control dial to select an initial from the initial list, then press it.**

3 **Rotate the control dial to select a name from the name list, then press it.**

4 **Rotate the control dial to select a number from the number list, then press it.**
The phone call starts.

Calling from the call history

1 **Press CALL, rotate the control dial to select [RECENT CALL], then press it.**
A list of the call history appears.

2 **Rotate the control dial to select a name or phone number from the call history, then press it.**
The phone call starts.

Calling by phone number input

1 **Press CALL, rotate the control dial to select [DIAL NUMBER], then press it.**

2 **Rotate the control dial to enter the phone number, and lastly select [ ] (space), then press ENTER*.**
The phone call starts.

* To move the digital indication, press SEEK +/–.

Note
[_] appears instead of [#] on the display.

Calling by redial

1 **Press CALL, rotate the control dial to select [REDIAL], then press it.**
The phone call starts.

Presetting phone numbers

You can store up to 6 contacts in the preset dial.

1 **Select a phone number that you want to store in the preset dial, from the phonebook, call history or by inputting the phone number directly.**
The phone number appears in the display of this unit.

2 **Press and hold a number button (1 to 6) until [MEM] appears.**
The contact is stored in the selected preset number.

Calling by preset number

1 **Press SRC, rotate the control dial to select [BT PHONE], then press it.**

2 **Press a number button (1 to 6) to select the contact you want to call.**

3 **Press ENTER.**
The phone call starts.

Calling by voice tags

You can make a call by saying the voice tag stored in a connected cellular phone that has a voice dialing function.

1. **Press CALL, rotate the control dial to select [VOICE DIAL], then press it.**
   Alternatively, press ENTER while the App Remote function is off.
2. **Say the voice tag stored on the cellular phone.**
   Your voice is recognized, and the call is made.

To cancel voice dialing
Press ENTER.

Available Operations during Call

To preset the volume of the ringtone and talker's voice
You can preset the volume level of the ringtone and talker's voice.

Adjusting the ringtone volume:
Rotate the control dial while receiving a call.

Adjusting the talker's voice volume:
Rotate the control dial during a call.

To adjust the volume for the other party (Mic gain adjustment)
Press MIC.
Adjustable volume levels: [MIC-LOW], [MIC-MID], [MIC-HI].

To reduce echo and noise (Echo Canceler/ Noise Canceler Mode)
Press and hold MIC.
Settable mode: [EC/NC-1], [EC/NC-2].

To transfer a call
In order to activate/deactivate the appropriate device (this unit/cellular phone), press MODE or use your cellular phone.

Note
Depending on the cellular phone, handsfree connection may be cut off when call transfer is attempted.

To check the status of SMS/email*
✉ flashes when a new SMS/email is received, and stays lit when there are unread messages.

* Available only for a cellular phone supporting MAP (Message Access Profile).

Useful Functions

App Remote with iPhone/ Android Phone

Downloading the "App Remote" application is required from the App Store for iPhone or from Google Play for Android phone. Using the "App Remote" application, the following features are available:

- Operate the unit to launch and control compatible applications on iPhone/Android phone.
- Operate iPhone/Android phone with simple finger gestures to control the source of the unit.
- Launch an application/audio source or search the keyword on the application by saying a word or phrase into the microphone (Android phone only).
- Read out incoming text messages, SMS, email, Twitter, Facebook, Calendar, etc., automatically, and the text messages, SMS and email can be replied (Android phone only).
- Adjust the sound settings (EQ10, Balance/Fader, Listening Position) of the unit via iPhone/ Android phone.

Notes
- For your safety, follow your local traffic laws and regulations, and do not operate the application while driving.
- Available operations differ depending on the applications. For details on available applications, visit the support site on the back cover.
- App Remote ver. 2.0 via USB is compatible with iOS 5/ iOS 6 installed iPhones.
- App Remote ver. 2.0 via BLUETOOTH is compatible with Android devices with Android 2.2, 2.3, 3.*, 4.0, 4.1 or 4.2 installed.
- Voice recognition function does not work depending on your smartphone. In that case, go to [Settings] – select [Voice Recognition].
- SMS/E-mail/Notification reading is available for Android devices with TTS engine installed.
- The "Smart Connect" application, provided by Sony Mobile Communications, is necessary for Twitter/ Facebook/Calendar, etc., notification read out.

Establishing the App Remote connection

1 Connect iPhone to the USB port or Android phone with the BLUETOOTH function.

2 Launch the “App Remote” application.

3 Press and hold APP on the unit for more than 2 seconds.

Connection to iPhone/Android phone starts. For details on the operations on iPhone/Android phone, see the help of the application.

If the device number appears

Make sure that the same numbers are displayed (e.g., 123456) in this unit and the mobile device, then press ENTER on this unit and select [Yes] on the mobile device.

To terminate connection

Press and hold APP.

Selecting the source or application

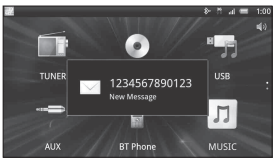
You can operate the unit to select the desired source or application on your smartphone.

1 Rotate the control dial to select the desired source or application, then press it.

To select another source or application, press SRC then rotate the control dial to select the desired source or application.

Announcement of various information by voice guide (Android phone only)

When SMS/E-mail, Twitter/Facebook/Calendar notifications, etc., are received, they are automatically announced through the boat speakers.



For details on settings, refer to the help of the application.

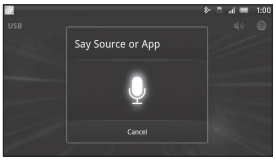
Activating voice recognition (Android phone only)

By registering applications, you can control an application by voice command. For details, refer to the help of the application.

To activate voice recognition

1 Press ENTER to activate voice recognition.

2 Say the desired voice command into the microphone when [Say Source or App] appears on the Android phone.



Notes

- Voice recognition may not be available in some cases.
- Voice recognition may not work properly depending on the performance of the connected Android phone.
- Operate under conditions where noise such as engine sound is minimized during voice recognition.
- Using the external microphone will improve voice recognition.

When a music or video application is selected*

Press 1 or 2 to enter HID mode, and press SEEK +/– to select a playback item, then press ENTER to start playback.

* Available only for an Android phone supporting HID (Human Interface Device Profile).

Making sound settings

You can adjust the settings for EQ, BAL/FAD/SW Level and Position via your smartphone.

For details on settings, refer to the help of the application.

Canceling the DEMO Mode

You can cancel the demonstration display which appears while this unit is turned off.

1. **Press MENU, rotate the control dial to select [DISPLAY], then press it.**
2. **Rotate the control dial to select [DEMO], then press it.**
3. **Rotate the control dial to select [DEMO-OFF], then press it.**
   The setting is complete.
4. **Press ⮌ (back) twice.**
   The display returns to normal reception/play mode.

Basic Setting Operation

You can set items in the menu to the following procedure.
The following items can be set depending on the source and setting.

1. **Press MENU.**
2. **Rotate the control dial to select the setup category, then press it.**
   Setup categories are follows:
   - GENERAL setup (page 19)
   - SOUND setup (page 19)
   - DISPLAY setup (page 21)
   - BT (BLUETOOTH) setup (page 21)
   - APP REM (App Remote) setup (page 21)
3. **Rotate the control dial to select the options, then press it.**

To return to the previous display
Press ⮌ (back).

Memory backup

General settings (except clock, parental lock and passcode), sound settings (except volume), display settings and tuner presets are automatically stored in the internal memory of the unit:
— 10 seconds after the ignition is turned off from the ACC position.
— 10 seconds after the unit is turned off by pressing and holding OFF.

GENERAL Setup

CLOCK-ADJ (clock adjust) (page 8)

TUNER-STP (tuner step) (page 8)

CAUT ALM (caution alarm)
Activates the caution alarm: [ON], [OFF] (page 8). (Available only when the unit is turned off.)

BEEP
Activates the beep sound: [ON], [OFF].

AUTO OFF
Shuts off automatically after a desired time when the unit is turned off: [NO], [30S] (30 seconds), [30M] (30 minutes), [60M] (60 minutes).

AUX-A (AUX audio)
Activates the AUX source display: [ON], [OFF]. (Available only when the unit is turned off.)

CT (clock time)
Activates the CT function: [ON], [OFF] (page 11).

BTM (page 11)

PARENTAL
Sets the parental lock to [ON], [OFF], and edits the passcode (page 12). (Available only when the SiriusXM Vehicle Tuner is connected.)

SXM RESET (SiriusXM reset)
Initializes the SiriusXM Connect Tuner settings (preset channels/parental lock): [ON], [OFF]. (Available only when the SiriusXM Vehicle Tuner is connected).

SOUND Setup

C.AUDIO+ (clear audio+)
Reproduces sound by optimizing the digital signal with the Sony recommended sound settings: [ON], [OFF]. (Automatically sets to [OFF] when [EQ10 PRESET] is changed).

EQ10 PRESET

Selects an equalizer curve from 10 equalizer curves or off: [R AND B], [ROCK], [POP], [DANCE], [HIP-HOP], [ELECTRONICA], [JAZZ], [SOUL], [COUNTRY], [CUSTOM], [OFF].

The equalizer curve setting can be memorized for each source.

EQ10 SETTING

Sets [CUSTOM] of EQ10.

BASE

Selects a preset equalizer curve as a basis for further customizing: [BAND1] 32 Hz, [BAND2] 63 Hz, [BAND3] 125 Hz, [BAND4] 250 Hz, [BAND5] 500 Hz, [BAND6] 1 kHz, [BAND7] 2 kHz, [BAND8] 4 kHz, [BAND9] 8 kHz, [BAND10] 16 kHz.

The volume level is adjustable in 1 dB steps, from -6 dB to +6 dB.

POSITION (listening position)

SET F/R POS (set front/rear position)

Simulates a natural sound field by delaying the sound output from front/rear speaker to suit your position.

FRONT L: Front left

FRONT R: Front right

FRONT: Center front

ALL: In the center of your boat

CUSTOM: Position set by App Remote

OFF: No position set

ADJ POSITION* (adjust position)

Fine-tunes the listening position setting.

Adjustable range: [+3] – [CENTER] – [-3].

SET SW POS* (set subwoofer position)

NEAR: Near

NORMAL: Normal

FAR: Far

BALANCE

Adjusts the sound balance: [RIGHT-15] – [CENTER] – [LEFT-15].

FADER

Adjusts the relative level: [FRONT-15] – [CENTER] – [REAR-15].

DSEE (digital sound enhancement engine)

Improves digitally compressed sound by restoring high frequencies lost in the compression process.

This setting can be memorized for each source other than the tuner.

Selects the DSEE mode: [ON], [OFF].

LOUDNESS

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

AAV (advanced auto volume)

Adjust the playback volume level of all playback sources to the optimum level: [ON], [OFF].

RB ENH (rear bass enhancer)

Rear Bass Enhancer enhances the bass sound by applying a low pass filter setting to the rear speakers. This function allows the rear speakers to work as a subwoofer if one is not connected. (Available only when [SW DIREC] is set to [OFF].)

RBE MODE (rear bass enhancer mode)

Selects the rear bass enhancer mode: [1], [2], [3], [OFF].

LPF FREQ (low pass filter frequency)

Selects the subwoofer cut-off frequency: [50Hz], [60Hz], [80Hz], [100Hz], [120Hz].

LPF SLOP (low pass filter slope)

Selects the LPF slope: [1], [2], [3].

SW DIREC (subwoofer direct connection)

You can use the subwoofer without a power amplifier when it is connected to the rear speaker cord. (Available only when [RBE MODE] is set to [OFF].)

Be sure to connect a 4 - 8 ohm subwoofer to either of the rear speaker cords. Do not connect a speaker to the other rear speaker cord.

SW MODE (subwoofer mode)

Selects the subwoofer mode: [1], [2], [3], [OFF].

SW PHASE (subwoofer phase)

Selects the subwoofer phase: [NORM], [REV].

SW POS* (subwoofer position)

Selects the subwoofer position: [NEAR], [NORMAL], [FAR].

LPF FREQ (low pass filter frequency)

Selects the subwoofer cut-off frequency: [50Hz], [60Hz], [80Hz], [100Hz], [120Hz].

LPF SLOP (low pass filter slope)

Selects the LPF slope: [1], [2], [3].

S.WOOFER (subwoofer)

SW LEVEL (subwoofer level)

Adjusts the subwoofer volume level: [+10 dB] – [0 dB] – [-10 dB].

([ATT] is displayed at the lowest setting.)

SW PHASE (subwoofer phase)

Selects the subwoofer phase: [NORM], [REV].

SW POS* (subwoofer position)

Selects the subwoofer position: [NEAR], [NORMAL], [FAR].

LPF FREQ (low pass filter frequency)

Selects the subwoofer cut-off frequency: [50Hz], [60Hz], [80Hz], [100Hz], [120Hz].

LPF SLOP (low pass filter slope)

Selects the LPF slope: [1], [2], [3].

HPF (high pass filter)

HPF FREQ (high pass filter frequency)

Selects the front/rear speaker cut-off frequency: [OFF], [50Hz], [60Hz], [80Hz], [100Hz], [120Hz].

HPF SLOP (high pass filter slope)

Selects the HPF slope (effective only when [HPF FREQ] is set to other than [OFF]): [1], [2], [3].

AUX VOL (AUX volume level)
Adjusts the volume level for each connected auxiliary device: [+18 dB] – [0 dB] – [-8 dB]. This setting negates the need to adjust the volume level between sources.

BTA VOL (BLUETOOTH audio volume level)
Adjusts the volume level for each connected BLUETOOTH device: [+6 dB] – [0 dB] – [-6 dB]. This setting negates the need to adjust the volume level between sources.

* Does not appear when [SET F/R POS] is set to [OFF].

DISPLAY Setup

DEMO (demonstration)
Activates the demonstration: [ON], [OFF].

DIMMER
Changes the display brightness.
AT (auto)
Dims the display automatically when you turn lights on. (Available only when the illumination control lead is connected.)
ON
Dims the display.
OFF
Deactivates the dimmer.

ILLUM (Illumination)
Changes the illumination color: [1], [2].

AUTO SCR (auto scroll)
Scrolls long items automatically: [ON], [OFF].

BT (BLUETOOTH) Setup

This setup menu can be also opened by pressing CALL.

PAIRING (page 8)

PHONEBOOK (page 16)

REDIAL (page 16)

RECENT CALL (page 16)

VOICE DIAL (page 17)

DIAL NUMBER (page 16)

RINGTONE
Selects whether this unit or the connected cellular phone outputs the ringtone: [1] (this unit), [2] (cellular phone).

AUTO ANS (auto answer)
Sets this unit to answer an incoming call automatically: [OFF], [1] (about 3 seconds), [2] (about 10 seconds).

AUTO PAIRING
Start BLUETOOTH pairing automatically when iOS device version 5.0 or later is connected via USB: [ON], [OFF].

BT SIGNL (BLUETOOTH signal) (page 9)
Activates the BLUETOOTH function: [ON], [OFF].

BT INIT (BLUETOOTH initialize)
Initializes all the BLUETOOTH related settings (pairing information, preset number, device information, etc.).
When disposing the unit, initialize all the settings.

APP REM (App Remote) Setup

Establish and terminate App Remote function (connection).

Precautions

- Cool off the unit beforehand if your boat has been moored in direct sunlight.
- Do not leave the front panel or audio devices brought in inside the boat, or it may cause malfunction due to high temperature in direct sunlight.
- Power antenna (aerial) extends automatically.

Moisture condensation

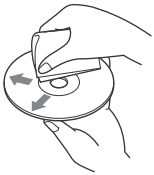
Should moisture condensation occur inside the unit, remove the disc and wait for about an hour for it to dry out; otherwise the unit will not operate properly.

To maintain high sound quality

Do not splash liquid onto the unit or discs.

Notes on discs

- Do not expose discs to direct sunlight or heat sources such as hot air ducts, nor leave it in a boat moored in direct sunlight.
- Before playing, wipe the discs with a cleaning cloth from the center out. Do not use solvents such as benzine, thinner, commercially available cleaners.

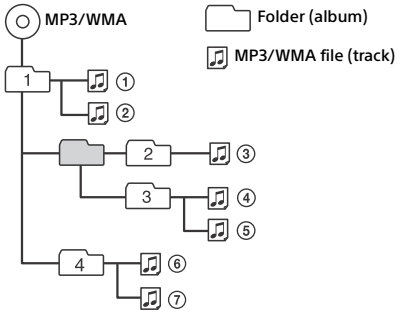


- This unit is designed to play back discs that conform to the Compact Disc (CD) standard. DualDiscs and some of the music discs encoded with copyright protection technologies do not conform to the Compact Disc (CD) standard, therefore, these discs may not be playable by this unit.
- Discs that this unit CANNOT play
  — Discs with labels, stickers, or sticky tape or paper attached. Doing so may cause a malfunction, or may ruin the disc.
  — Discs with non-standard shapes (e.g., heart, square, star). Attempting to do so may damage the unit.
  — 8 cm (3 1/4 in) discs.

Notes on CD-R/CD-RW discs

- The maximum number of: (CD-R/CD-RW only)
  — folders (albums): 150 (including root folder)
  — files (tracks) and folders: 300 (may less than 300 if folder/file names contain many characters)
  — displayable characters for a folder/file name: 32 (Joliet)/64 (Romeo)
- If the multi-session disc begins with a CD-DA session, it is recognized as a CD-DA disc, and other sessions are not played back.
- Discs that this unit CANNOT play
  — CD-R/CD-RW of poor recording quality.
  — CD-R/CD-RW recorded with an incompatible recording device.
  — CD-R/CD-RW which is finalized incorrectly.
  — CD-R/CD-RW other than those recorded in music CD format or MP3 format conforming to ISO9660 Level 1/Level 2, Joliet/Romeo or multi-session.

Playback order of MP3/WMA files



About iPod

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

Compatible iPhone/iPod models

Compatible Model	USB
iPhone 5	○
iPhone 4S	○
iPhone 4	○
iPhone 3GS	○
iPhone 3G	○
iPod touch (5th generation)	○
iPod touch (4th generation)	○
iPod touch (3rd generation)	○
iPod touch (2nd generation)	○
iPod classic	○
iPod nano (7th generation)	○
iPod nano (6th generation)	○
iPod nano (5th generation)	○
iPod nano (4th generation)	○
iPod nano (3rd generation)	○

- "Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod or iPhone, respectively, 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. Please note that the use of this accessory with iPod or iPhone may affect wireless performance.

About BLUETOOTH function

What is BLUETOOTH technology?

- BLUETOOTH wireless technology is a short-range wireless technology that enables wireless data communication between digital devices, such as a cellular phone and a headset. BLUETOOTH wireless technology operates within a range of about 10 m (33 ft). Connecting two devices is common, but some devices can be connected to multiple devices at the same time.
- You do not need to use a cable for connection since BLUETOOTH technology is a wireless technology, neither is it necessary for the devices to face one another, such is the case with infrared technology. For example, you can use such a device in a bag or pocket.
- BLUETOOTH technology is an international standard supported by millions of companies all over the world, and employed by various companies worldwide.

On BLUETOOTH communication

- BLUETOOTH wireless technology operates within a range of about 10 m (33 ft).
  Maximum communication range may vary depending on obstacles (person, metal, wall, etc.) or electromagnetic environment.
- The following conditions may affect the sensitivity of BLUETOOTH communication.
  — There is an obstacle such as a person, metal, or wall between this unit and BLUETOOTH device.
  — A device using 2.4 GHz frequency, such as a wireless LAN device, cordless telephone, or microwave oven, is in use near this unit.
- Because BLUETOOTH devices and wireless LAN (IEEE802.11b/g) use the same frequency, microwave interference may occur and result in communication speed deterioration, noise, or invalid connection if this unit is used near a wireless LAN device. In such as case, perform the following.
  — Use this unit at least 10 m (33 ft) away from the wireless LAN device.
  — If this unit is used within 10 m (33 ft) of a wireless LAN device, turn off the wireless LAN device.
  — Install this unit and BLUETOOTH device as near to each other as possible.
- Microwaves emitting from a BLUETOOTH device may affect the operation of electronic medical devices. Turn off this unit and other BLUETOOTH devices in the following locations, as it may cause an accident.
  — where inflammable gas is present, in a hospital, train, airplane, or petrol station
  — near automatic doors or a fire alarm
- This unit supports security capabilities that comply with the BLUETOOTH standard to provide a secure connection when the BLUETOOTH wireless technology is used, but security may not be enough depending on the setting. Be careful when communicating using BLUETOOTH wireless technology.
- We do not take any responsibility for the leakage of information during BLUETOOTH communication.
- Connection with all BLUETOOTH devices cannot be guaranteed.
  — A device featuring BLUETOOTH function is required to conform to the BLUETOOTH standard specified by BLUETOOTH SIG, and be authenticated.
  — Even if the connected device conforms to the above mentioned BLUETOOTH standard, some devices may not be connected or work correctly, depending on the features or specifications of the device.
  — While talking on the phone hands free, noise may occur, depending on the device or communication environment.
- Depending on the device to be connected, it may require some time to start communication.

Others

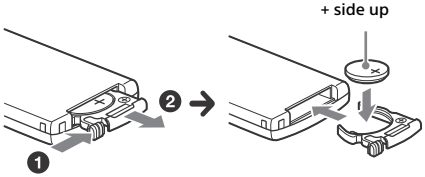
- Using the BLUETOOTH device may not function on cellular phones, depending on radio wave conditions and location where the equipment is being used.
- If you experience discomfort after using the BLUETOOTH device, stop using the BLUETOOTH device immediately. Should any problem persist, consult your nearest Sony dealer.

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 remote commander

When the battery becomes weak, the range of the 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

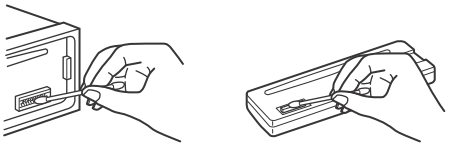
- Keep the lithium battery out of the reach of children. Should the battery be swallowed, immediately consult a doctor.
- Wipe the battery with a dry cloth to assure a good contact.
- Be sure to observe the correct polarity when installing the battery.
- Do not hold the battery with metallic tweezers,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

WARNING

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

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 8) 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.

Specifications

FOR THE CUSTOMERS IN THE USA. NOT APPLICABLE IN CANADA, INCLUDING IN THE PROVINCE OF QUEBEC.

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

AUDIO POWER SPECIFICATIONS

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

Tuner section

FM

Tuning range:
87.5 – 108.0 MHz (at 50 kHz step)
87.5 – 108.0 MHz (at 100 kHz step)
87.5 – 107.9 MHz (at 200 kHz step)
Antenna (aerial) terminal:
External antenna (aerial) connector
Intermediate frequency: 25 kHz
Usable sensitivity: 8 dBf
Selectivity: 75 dB at 400 kHz
Signal-to-noise ratio: 80 dB (stereo)
Separation: 50 dB at 1 kHz
Frequency response: 20 – 15,000 Hz

AM

Tuning range:
531 – 1,602 kHz (at 9 kHz step)
530 – 1,710 kHz (at 10 kHz step)
AM tuning step:
9 kHz/10 kHz switchable
Antenna (aerial) terminal:
External antenna (aerial) connector
Intermediate frequency:
9,124.5 kHz or 9,115.5 kHz/4.5 kHz (at 9 kHz step)
9,115 kHz or 9,125 kHz/5 kHz (at 10 kHz step)
Sensitivity: 26 µV

CD Player section

Signal-to-noise ratio: 120 dB
Frequency response: 10 – 20,000 Hz
Wow and flutter: Below measurable limit
Corresponding codec: MP3 (.mp3) and WMA (.wma)

USB Player section

Interface: USB (High-speed)
Maximum current: 1 A (front), 2.1 A (rear)
The maximum number of recognizable tracks:
10,000
Corresponding codec:
MP3 (.mp3), WMA (.wma) and WAV (.wav)

Wireless Communication

Communication System:
BLUETOOTH Standard version 3.1
Output:
BLUETOOTH Standard Power Class 2 (Max. +4 dBm)
Maximum communication range:
Line of sight approx. 10 m (33 ft)*1
Frequency band:
2.4 GHz band (2.4000 – 2.4835 GHz)
Modulation method: FHSS
Compatible BLUETOOTH Profiles*2:
A2DP (Advanced Audio Distribution Profile) 1.3
AVRCP (Audio Video Remote Control Profile) 1.5
HFP (Handsfree Profile) 1.6
PBAP (Phone Book Access Profile)
SPP (Serial Port Profile)
MAP (Message Access Profile)
HID (Human Interface Device Profile)

*1 The actual range will vary depending on factors such as obstacles between devices, magnetic fields around a microwave oven, static electricity, reception sensitivity, antenna (aerial)'s performance, operating system, software application, etc.
*2 BLUETOOTH standard profiles indicate the purpose of BLUETOOTH communication between devices.

Power amplifier section

Output: Speaker outputs
Speaker impedance: 4 – 8 ohms
Maximum power output: 55 W × 4 (at 4 ohms)

General

Outputs:
Audio outputs terminal (front, rear, sub)
Power antenna (aerial)/Power amplifier control terminal (REM OUT)
Inputs:
SiriusXM input terminal
Remote controller input terminal
Antenna (aerial) input terminal
MIC input terminal
AUX input jack (stereo mini jack)
USB port: front, rear
Power requirements:
12 V DC boat battery (negative ground (earth))
Dimensions:
Approx. 178 mm × 50 mm × 177 mm (7 1/8 in × 2 in × 7 in) (w/h/d)
Mounting dimensions:
Approx. 182 mm × 53 mm × 160 mm (7 1/4 in × 2 1/8 in × 6 5/16 in) (w/h/d)
Mass: Approx. 1.2 kg (2 lb 11 oz)
Package contents:
Main unit (1)
Remote commander (1): RM-X231
Microphone (1)
Parts for installation and connections (1 set)
Optional accessories/equipment*:
SiriusXM Vehicle Tuner: SXV100
Marine remote commander: RM-X11M

* Accessories/equipment other than the marine remote commander RM-X11M are not waterproof. Do not subject them to water.

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.

Copyrights

SiriusXM READY

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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.
For details on using the fuse and removing the unit from the dashboard, refer to the installation/connections manual supplied with this unit.
If the problem is not solved, visit the support site on the back cover.

General

No power is being supplied to the unit.
→ If the unit is turned off and the display disappears, the unit cannot be operated with the remote commander.
— Turn on the unit.

No sound.
→ The position of the fader control [FADER] is not set for a 2-speaker system.

No beep sound.
→ An optional power amplifier is connected and you are not using the built-in amplifier.

The contents of the memory have been erased.
→ The power supply lead or battery has been disconnected or not connected properly.

Stored stations and correct time are erased.
The fuse has blown.
Makes a noise when the position of the ignition is switched.
→ The leads are not matched correctly with the boat's accessory power connector.

During playback or reception, the demonstration mode starts.
→ If no operation is performed for 5 minutes with [DEMO-ON] set, the demonstration mode starts.
— Set [DEMO-OFF] (page 21).

The display disappears from/does not appear in the display window.
→ The dimmer is set to [DIM-ON] (page 21).
→ The display disappears if you press and hold OFF.
— Press OFF on the unit until the display appears.
→ The connectors are dirty (page 24).

The operation buttons do not function.
The disc will not eject.
→ Press PTY/CAT and ⮌ (back)/MODE for more than 2 seconds to reset the unit.
The contents stored in memory are erased.
For your safety, do not reset the unit while you are driving.

Radio reception

Stations cannot be received.
The sound is hampered by noises.
→ The connection is not correct.
— If your boat has built-in radio antenna (aerial) in the rear/side glass, connect an REM OUT lead (blue/white striped) or accessory power supply lead (red) to the power supply lead of a boat's antenna (aerial) booster.
— Check the connection of the boat antenna (aerial).
— If the auto antenna (aerial) will not extend, check the connection of the power antenna (aerial) control lead.
→ The tuning step setting has been erased.
— Set the tuning step again (page 8).

Preset tuning is not possible.
→ The broadcast signal is too weak.

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.

CD playback

The disc does not play back.
→ Defective or dirty disc.
→ The CD-R/CD-RW is not for audio use (page 22).

MP3/WMA files cannot be played back.
→ The disc is incompatible with the MP3/WMA format and version. For details on playable discs and formats, visit the support site.

MP3/WMA files take longer to play back than others.
→ The following discs take a longer time to start playback.
— A disc recorded with a complicated tree structure.
— A disc recorded in Multi Session.
— A disc to which data can be added.

The sound skips.
→ Defective or dirty disc.

USB playback

You cannot play back items via a USB hub.
→ This unit cannot recognize USB devices via a USB hub.

A USB device takes longer to play back.
→ The USB device contains files with a complicated tree structure.

The sound is intermittent.

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

Pandora® connection is not possible.

→ Shut down the Pandora® application on the mobile device, and then launch it again.

Application name is mismatched with the actual application in App Remote.

→ Launch the application again from the "App Remote" application.

NFC function

One touch connection (NFC) is not possible.

→ If the smartphone does not respond to the touching.
  — Check that the NFC function of the smartphone is turned on.
  — Move the N-Mark part of the smartphone closer to the N-Mark part on this unit.
  — If the smartphone is in a case, remove it.
→ NFC receiving sensitivity depends on the device. If One touch connection with the smartphone fails several times, make BLUETOOTH connection manually.

BLUETOOTH function

The connecting device cannot detect this unit.

→ Before the pairing is made, set this unit to pairing standby mode.
→ While connected to a BLUETOOTH device, this unit cannot be detected from another device.
  — Disconnect the current connection and search for this unit from another device.
→ When the device pairing is made, set the BLUETOOTH signal output to on (page 9).

Connection is not possible.

→ The connection is controlled from one side (this unit or BLUETOOTH device), but not both.
  — Connect to this unit from a BLUETOOTH device or vice versa.

The name of the detected device does not appear.

→ Depending on the status of the other device, it may not be possible to obtain the name.

No ringtone.

→ Adjust the volume by rotating the control dial while receiving a call.
→ Depending on the connecting device, the ringtone may not be sent properly.
  — Set [RINGTONE] to [1] (page 21).
→ The front speakers are not connected to the unit.
  — Connect the front speakers to the unit. The ringtone is output only from the front speakers.

The talker's voice cannot be heard.

→ The front speakers are not connected to the unit.
  — Connect the front speakers to the unit. The talker's voice is output only from the front speakers.

A call partner says that the volume is too low or high.

→ Adjust the volume accordingly using mic gain adjustment (page 17).

Echo or noise occurs in phone call conversations.

→ Lower the volume.
→ Set EC/NC Mode to [EC/NC-1] or [EC/NC-2] (page 17).
→ If the ambient noise other than the phone call sound is loud, try reducing this noise.
  E.g.: If a window is open and noise, etc., is loud, shut the window. If an air conditioner is loud, lower the air conditioner.

The phone is not connected.

→ When BLUETOOTH audio is played, the phone is not connected even if you press CALL.
  — Connect from the phone.

The phone sound quality is poor.

→ Phone sound quality depends on reception conditions of cellular phone.
  — Move your boat to a place where you can enhance the cellular phone's signal if the reception is poor.

The volume of the connected audio device is low (high).

→ Volume level will differ depending on the audio device.
  — Adjust the volume of the connected audio device or this unit.

The sound skips during playback of a BLUETOOTH audio device.

→ Reduce the distance between the unit and the BLUETOOTH audio device.
→ If the BLUETOOTH audio device is stored in a case which interrupts the signal, remove the audio device from the case during use.
→ Several BLUETOOTH devices or other devices which emit radio waves are in use nearby.
  — Turn off the other devices.
  — Increase the distance from the other devices.
→ The playback sound stops momentarily when the connection between this unit and the cellular phone is being made. This is not a malfunction.

The connected BLUETOOTH audio device cannot be controlled.

→ Check that the connected BLUETOOTH audio device supports AVRCP.

Some functions do not work.
→ Check if the connecting device supports the functions in question.

A call is answered unintentionally.
→ The connecting phone is set to answer a call automatically.

Pairing failed due to time out.
→ Depending on the connecting device, the time limit for pairing may be short.
— Try completing the pairing within the time.

BLUETOOTH function cannot operate.
→ Turn off the unit by pressing OFF for more than 2 seconds, then turn the unit on again.

No sound is output from the boat speakers during handsfree call.
→ If the sound is output from the cellular phone, set the cellular phone to output the sound from the boat speakers.

Pandora® connection is not possible.
→ Shut down the Pandora® application on the mobile device, and then launch again.

Application name is mismatched with the actual application in App Remote.
→ Launch the application again from the "App Remote" application.

While running the "App Remote" application via BLUETOOTH, the display automatically switches to [BT AUDIO].
→ The "App Remote" application or BLUETOOTH function has failed.
— Run the application again.

Error displays/Messages

ERROR
→ The disc is dirty or inserted upside down.
— Clean or insert the disc correctly.
→ A blank disc has been inserted.
→ The disc cannot play due to a problem.
— Insert another disc.
→ USB device was not automatically recognized.
— Connect it again.
→ Press ⏏ to remove the disc.

HUB NO SUPRT (hubs not supported)
→ USB hub is not supported on this unit.

IPD STOP (iPod stop)
→ When repeat play is not set, playback of the last track in album finished.
The music application in the iPod/iPhone is terminated.
— Press PAUSE to start playback again.

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 disc or USB device does not contain a music file.
— Insert a music CD.
— Connect a USB device with a music file in it.

OVERLOAD
→ USB device is overloaded.
— Disconnect the USB device, then change the source by pressing SRC.
— The USB device has a fault, or an unsupported device is connected.

PUSH EJT (push eject)
→ The disc cannot be ejected.
— Press ⏏ (eject).

READ
→ The unit is reading all track and album information on the disc.
— Wait until reading is complete and playback starts automatically. Depending on the disc structure, it may take more than a minute.

USB NO SUPRT (USB not supported)
→ The connected USB device is not supported.
— For details on the compatibility of your USB device, visit the support site.

[ ] or [ ]
→ During reverse or fast-forward, you have reached the beginning or the end of the disc and you cannot go any further.

[ ]
→ The character cannot be displayed.

For BLUETOOTH function:

BT BUSY (BLUETOOTH busy)
→ The phonebook and the call history of the cellular phone are not accessible from this unit.
— Wait for a while, and then try again.

ERROR
→ BT Initialize failed.
→ Phonebook access failed.
→ Phonebook content was changed while accessing the cellular phone.
— Access the phonebook in the cellular phone again.

MEM FAILURE (memory failure)
→ This unit failed to store the contact in the preset dial.
— Make sure that the number you intend to store is correct (page 16).

MEMORY BUSY
→ This unit is storing data.
— Wait until storing has finished.

NO DEV (no device)
→ BLUETOOTH audio source is selected without a BLUETOOTH audio device connected. A BLUETOOTH audio device has been disconnected during a call.
— Be sure to connect a BLUETOOTH audio device.
→ BLUETOOTH phone source is selected without a cellular phone connected. A cellular phone has been disconnected during a call.
— Be sure to connect a cellular phone.

P EMPTY (preset number empty)
→ The preset dial is empty.

UNKNOWN
→ Name or phone number cannot be displayed when browsing phonebook or call history.

WITHHELD
→ Phone number is hidden by caller.

For App Remote operation:

APP -------- (application)
→ Connection with the application is not made.
— Establish iPhone connection again.

APP DISCNCT (application disconnected)
→ App Remote connection is not made.
— Establish the App Remote connection (page 18).

APP MENU (application menu)
→ Button operation cannot be performed while a menu on iPhone/Android phone is open.
— Exit the menu on iPhone/Android phone.

APP NO DEV (application no device)
→ The device with the application installed is not connected.
— Connect the device, then establish iPhone connection.

APP SOUND (application sound)
→ Button operation cannot be performed while a sound menu on iPhone/Android phone is open.
— Exit the sound menu on iPhone/Android phone.

OPEN APP (open application)
→ The "App Remote" application is not running.
— Launch the iPhone's application.

For Pandora® operation:

CANNOT SKIP
→ Skipping tracks on Pandora® is not allowed.
— Wait until the commercial ends.
— Pandora® limits the number of skips allowed on their service. Wait until the next track begins, or select another station on the list.

ERROR
→ "Thumbs" feedback failed.
— Try "Thumbs Up/Down" again.
→ Bookmarking failed.
— Try bookmarking again.

NO STATION
→ There is no station on your Pandora® account.
— Create the station on the mobile device.

NOT ALLOWED
→ "Thumbs" feedback is not allowed.
— Wait until the commercial ends.
— Some functions, such as Shared Station, do not permit feedback. Wait until the next track begins, or select another station on the list.
→ Bookmark is not allowed.
— Wait until the commercial ends.
— Select another track or station, then try it again.

OPEN APP (open application)
When connecting via the USB port.
→ Pandora® does not launch.
— Launch the Pandora® application on the iPhone.

OPEN APP (open application)**, PRESS PAUSE**
When connecting via the BLUETOOTH function.
→ Pandora® does not launch.
— Launch the Pandora® application on the mobile device, then press PAUSE.

PAN NO SUPRT (Pandora® not supported)
→ The connected device is not supported.
— For details of compatible devices, visit the support site.

PAN RESTRICT (Pandora® licensing restriction)
→ Pandora® is not available outside your country.

PLEASE LOGIN, PANDORA APP (Pandora® application)
→ Not logged into your Pandora® account.
— Disconnect the device, and log into your Pandora® account, then connect the device again.

--:--

→ Network connection is unstable or lost.
  — Make the network connection again on the device.
  — Wait until the network connection is established.

For SiriusXM operation:

CH LOCKED (channel locked)

→ The selected channel is locked by the parental control function. Enter the passcode to unlock the channel.

CH UNAVAIL (channel unavailable)

→ The selected channel is not available.
→ The active channel has become unavailable.

CHAN UNSUB (channel unsubscribed)

→ There is no subscription to the selected channel.
→ The subscription to the active channel has been terminated.

CHK ANT (check antenna)

→ The antenna (aerial) is not being used properly.
  — Make sure the antenna (aerial) is connected and being used properly.

CHECK TUNER (check tuner)

→ The SiriusXM Vehicle Tuner is not functioning properly.
  — Disconnect the SiriusXM Vehicle Tuner, and connect it again.

MEM FAILURE (memory failure)

→ This unit failed to store the channel in the preset dial.
  — Make sure that the channel you intend to store is correct.

SUBSCRIPTION UPDATED - ENTER TO CONTINUE

→ Your subscription has been updated.
  — Press ENTER.

If these solutions do not help improve the situation, consult your nearest Sony dealer.
If you take the unit to be repaired because of CD playback trouble, bring the disc that was used at the time the problem began.

CE

Česky

Sony Corp. tímto prohlašuje, že MEX-M70BT splňuje základní požadavky a další příslušná ustanovení Směrnice 1999/5/CE.
Podrobnosti lze získat na následující URL:
http://www.compliance.sony.de/

Dansk

Undertegnede, Sony Corp. erklærer herved, at følgende udstyr MEX-M70BT overholder de væsentlige krav og øvrige relevante krav i Direktiv 1999/5/EF.
For yderligere information gå ind på følgende hjemmeside: http://www.compliance.sony.de/

Deutsch

Hiermit erklärt Sony Corp., dass sich dieser MEX-M70BT in Übereinstimmung mit den grundlegenden Anforderungen und den anderen relevanten Vorschriften der Richtlinie 1999/5/EG befindet.
Weitere Informationen erhältlich unter:
http://www.compliance.sony.de/

Eesti

Sony Corp. teatab käesolevaga, et MEX-M70BT on kooskõlas oluliste ja vastavate direktiivi 1999/5/EÜ nõuetega.
Üksikasjalikumaks infoks vaadake URL:
http://www.compliance.sony.de/

English

Hereby, Sony Corp., declares that this MEX-M70BT is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
For details, please access the following URL:
http://www.compliance.sony.de/

Español

Por medio de la presente, Sony Corp. declara que el MEX-M70BT cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
Para mayor información, por favor consulte el siguiente URL:
http://www.compliance.sony.de/

Français

Par la présente, Sony Corp. déclare que l'appareil MEX-M70BT est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Pour toute information complémentaire, veuillez consultez l'URL suivante :
http://www.compliance.sony.de/

Italiano

Con la presente Sony Corp. dichiara che questo MEX-M70BT è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Per ulteriori dettagli, si prega di consultare il seguente URL:
http://www.compliance.sony.de/

Język polski

Niniejszym firma Sony Corp. deklaruje, że urządzenie MEX-M70BT jest zgodne z podstawowymi wymaganiami oraz z odpowiednimi postanowieniami Dyrektwy 1999/5/EC.
Szczegółowe informacje można znaleźć pod następującym adresem URL:
http://www.compliance.sony.de/

Latviski

Ar šo Sony Corp. paziņo, ka MEX-M70BT atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Plašāka informācija ir pieejama šajā URL:
http://www.compliance.sony.de/

Lietuviškai

Sony Corp. pareiškia, kad šis MEX-M70BT atitinka esminius 1999/5/EB direktyvos reikalavimus ir kitas nuostatas.
Susipažinti visu atitikties deklaracijos turiniu Jūs galite interneto tinklalapyje:
http://www.compliance.sony.de/

Magyarul

Ezennel a Sony Corp. kijelenti, hogy a MEX-M70BT megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.
További információkat a következő weboldalon találhat:
http://www.compliance.sony.de/

Nederlands

Hierbij verklaart Sony Corp. dat het toestel MEX-M70BT in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
Nadere informatie kunt u vinden op:
http://www.compliance.sony.de/

Norsk

Herved erklærer Sony Corp. at dette MEX-M70BT er i overensstemmelse med vesentlige krav og andre relevante bestemmelser som fremgår av direktiv 1999/5/EC.
Gå til denne URL-en for mer informasjon:
http://www.compliance.sony.de/

Português

A Sony Corp. declara que este MEX-M70BT está conforme com os requisitos essenciais e outras provisões da Directiva 1999/5/CE.
Para mais informações, por favor consulte a seguinte URL:
http://www.compliance.sony.de/

Slovensky

Sony Corp. potvrdzuje, že MEX-M70BT spĺňa základné požiadavky a ostatné nariadenia smernice 1999/5/EC.
Podrobnosti získate nasledovnej webovej adrese:
http://www.compliance.sony.de/

Slovenščina

Sony izjavlja, da je MEX-M70BT v skladu z bistvenimi zahtevami in ostalimi zadevnimi ukrepi Direktive 1999/5/ES.
Za podrobnosti glejte stran URL:
http://www.compliance.sony.de/

Suomi

Sony Corp. vakuuttaa täten että MEX-M70BT tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Halutessasi lisätietoja käy osoitteessa:
http://www.compliance.sony.de/

Svenska

Härmed intygar Sony Corp. att denna MEX-M70BT står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
För ytterligare information gå in på följande hemsida: http://www.compliance.sony.de/

Türkçe

İşbu Belge ile Sony Corp. MEX-M70BT'in 1999/5/EC Yönetmeliğinin temel gereklilikleri ve ilgili maddeleri ile uyumlu olduğunu belgeler.
Detaylı bilgi için, lütfen belirtilen web sitesini ziyaret ediniz:
http://www.compliance.sony.de/

Ελληνικά

Με την παρούσα η Sony Corp. Δηλώνει ότι MEX-M70BT συμμορφώνεται προς της ουσιώδεις απαιτήσεις και της λοιπές σχετικές διατάξεις της οδηγίας 1999/5/ΕΚ.
Για λεπτομέρειες παρακαλούμε όπως ελέγξετε την ακόλουθη σελίδα του διαδικτύου:
http://www.compliance.sony.de/

Български

С настоящото Sony Corp. декларира, че този апарат MEX-M70BT отговаря на съществените изисквания и останалите условия на директива 1999/5/ЕО.
Подробности могат да бъдат намерени на следния URL:
http://www.compliance.sony.de/

Hrvatski

Ovime Sony Corp. izjavljuje da je MEX-M70BT u skladu s osnovnim zahtjevima i ostalim relevantnim odredbama direktive 1999/5/EZ.
Dodatne informacije potražite na sljedećoj internet adresi:
http://www.compliance.sony.de/

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

Site d'assistance
Si vous avez des questions ou si vous souhaitez consulter les toutes dernières informations techniques sur ce produit, rendez-vous sur le site Web suivant :

Sitio Web de soporte técnico en línea
Para resolver cualquier duda u obtener la información más reciente sobre el soporte técnico de este producto, visite el siguiente sitio Web:

http://esupport.sony.com
http://www.sony.com/caraudio

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

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

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

Call **1-800-222-7669**
URL **http://www.SONY.com**

http://www.sony.net/

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SONY

4-489-405-**11**(1)

Bluetooth® Audio System

Installation/Connections GB

Installation/Connexions FR

Instalación/Conexiones ES

* 4 4 8 9 4 0 5 1 1 * (1)

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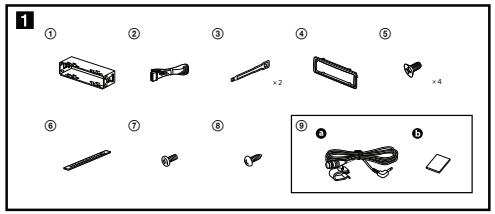
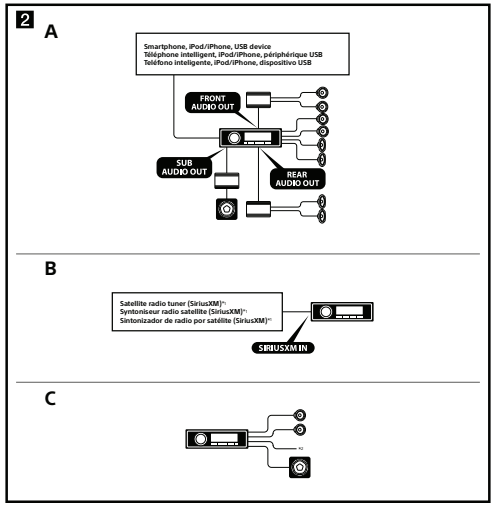
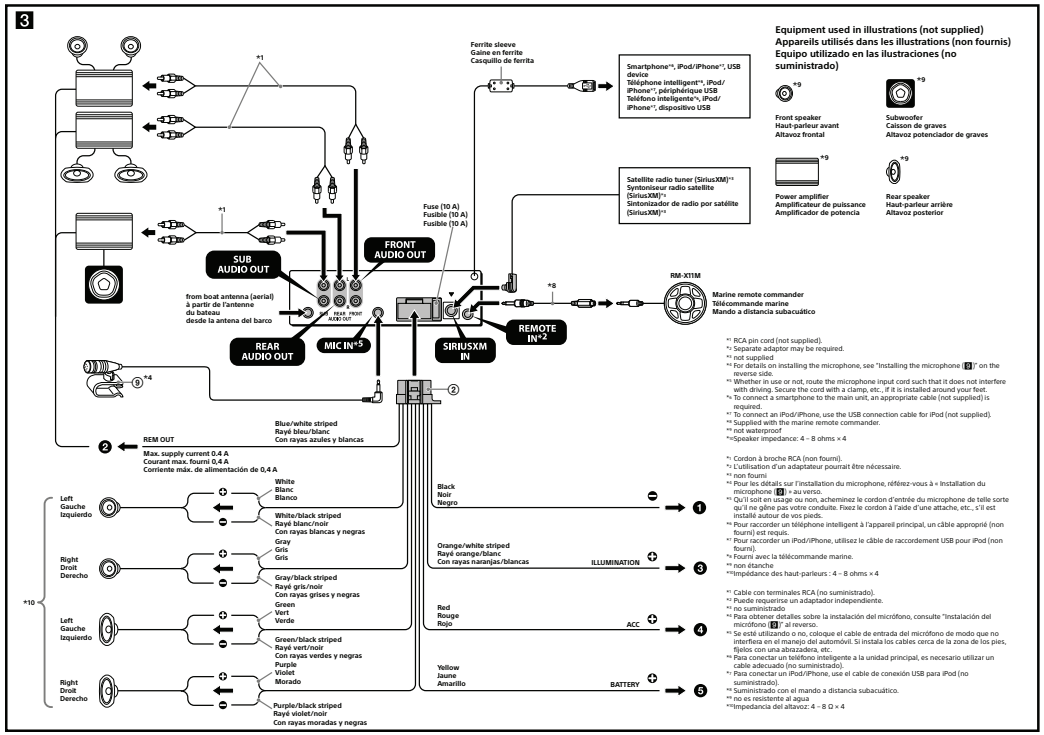
MEX-M70BT







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

*1 RCA pin cord (not supplied).
*2 Separate adaptor may be required.
*3 not supplied
*4 For details on installing the microphone, see "Installing the microphone (2)" on the reverse side.
*5 Whether in use or not, route the microphone input cord such that it does not interfere with driving. Secure the cord with a clamp, etc., if it is installed around your feet.
*6 To connect a smartphone to the main unit, an appropriate cable (not supplied) is required.
*7 To connect an iPod/iPhone, use the USB connection cable for iPod (not supplied).
*8 Supplied with the marine remote commander.
*9 not waterproof
*10Speaker impedance: 4 – 8 ohms × 4

*1 Cordon à broche RCA (non fourni).
*2 L'utilisation d'un adaptateur pourrait être nécessaire.
*3 non fourni
*4 Pour les détails sur l'installation du microphone, référez-vous à « Installation du microphone (2) » au verso.
*5 Qu'il soit en usage ou non, acheminez le cordon d'entrée du microphone de telle sorte qu'il ne gêne pas votre conduite. Fixez le cordon à l'aide d'une attache, etc., s'il est installé autour de vos pieds.
*6 Pour raccorder un téléphone intelligent à l'appareil principal, un câble approprié (non fourni) est requis.
*7 Pour raccorder un iPod/iPhone, utilisez le câble de raccordement USB pour iPod (non fourni).
*8 Fourni avec la télécommande marine.
*9 non étanche
*10Impédance des haut-parleurs : 4 – 8 ohms × 4

*1 Cable con terminales RCA (no suministrado).
*2 Puede requerirse un adaptador independiente.
*3 no suministrado
*4 Para obtener detalles sobre la instalación del micrófono, consulte "Instalación del micrófono (2)" al reverso.
*5 Se esté utilizando o no, coloque el cable de entrada del micrófono de modo que no interfiera en el manejo del automóvil. Si instala los cables cerca de la zona de los pies, fíjelos con una abrazadera, etc.
*6 Para conectar un teléfono inteligente a la unidad principal, es necesario utilizar un cable adecuado (no suministrado).
*7 Para conectar un iPod/iPhone, use el cable de conexión USB para iPod (no suministrado).
*8 Suministrado con el mando a distancia subacuático.
*9 no es resistente al agua
*10Impedancia del altavoz: 4 – 8 Ω × 4

English

Cautions

Be sure to install this unit in the dashboard of the boat as the rear side of the unit becomes hot

- 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 railing).
- Before making connections, turn the boat's 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.
- Under the environment of potential water splash, Sony highly recommends to protect the unit with Waterproof Car Stereo Cover (not supplied). While an iPod or USB device is connected, the Waterproof Car Stereo Cover cannot be fully closed. Avoid splashing water on the unit.
- 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 boat circuit's rating must be higher than the sum of each component's fuse.
- When no boat 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 ⑤ to remove the bracket ① from the unit. For details, see "Removing the protection collar and the bracket (4)" on the reverse side of the sheet.
- **Keep the release keys ⑤ for future use as they are also necessary if you remove the unit from your boat.**

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

Connection example (2)

Subwoofer Easy Connection (2-C)
You can use a subwoofer without a power amplifier when it is connected to a rear speaker cord.

*1 not supplied (2-B)
*2 Do not connect a speaker in this connection (2-C).

Notes

- Be sure to connect the ground (earth) lead before connecting the amplifier (2-A).
- The alarm will only sound if the built-in amplifier is used (2-A).
- Be sure to connect a 4 - 8 ohm subwoofer. Do not connect a speaker to the other rear speaker cord (2-C).

Connection diagram (3)

1 To battery or distribution block ground
First connect the black ground (earth) lead, then connect the yellow and red power supply leads.

2 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 boat 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 and a power antenna (aerial). Connecting any other system may damage the unit.

3 To a boat's illumination signal
Be sure to connect the black ground (earth) lead to the battery or distribution block ground first.

4 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 the battery or distribution block ground first.
- When your boat has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."

5 To the +12 V power terminal which is energized at all times
Be sure to connect the black ground (earth) lead to the battery or distribution block ground first.

Notes on the control and power supply leads

- REM OUT lead (blue/white striped) supplies +12 V DC when you turn on the unit.
- When your boat has built-in FM/AM antenna (aerial) in the rear/side glass, connect REM OUT lead (blue/white striped) 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 boat 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 boat 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.

Français

Mises en garde

Installez cet appareil sur le tableau de bord du bateau, car l'arrière de l'appareil chauffe en cours d'utilisation.

- 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 contact du bateau pour éviter les courts-circuits.
- 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.
- Si l'appareil risque d'être exposé à des éclaboussures d'eau, Sony recommande fortement de le protéger avec une housse imperméable pour chaîne stéréo de voiture (non fournie). Lorsqu'un iPod ou un périphérique USB est raccordé, la housse imperméable pour chaîne stéréo de voiture ne peut pas se fermer complètement. Évitez d'exposer l'appareil à des éclaboussures d'eau.
- 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 du bateau raccordé doit être supérieure à la somme des fusibles de chaque élément.
- Si aucun circuit du bateau 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 ④ sont fixés à l'appareil en usine. Avant le montage de l'appareil, utilisez les clés de déblocage ⑤ pour détacher le support ① de l'appareil. Pour de plus amples informations, reportez-vous à la section « Retrait du tour de protection et du support (4) » au verso.
- **Conservez les clés de déblocage ⑤ pour une utilisation ultérieure car vous en aurez également besoin pour retirer l'appareil du bateau.**

Attention
Manipulez le support ① avec soin pour éviter de vous blesser aux doigts.

Exemple de raccordement (2)

Raccordement facile d'un caisson de graves (2-C)
Vous pouvez utiliser un caisson de graves sans amplificateur de puissance lorsque vous effectuez le raccordement à un cordon de haut-parleur arrière.

*1 non fourni (2-B)
*2 Ne raccordez pas un haut-parleur avec cette connexion (2-C).

Remarques

- Raccordez d'abord le câble de mise à la masse avant de raccorder l'amplificateur (2-A).
- L'alarme est émise uniquement lorsque l'amplificateur intégré est utilisé (2-A).
- Assurez-vous de raccorder un caisson de graves de 4 - 8 ohms. Ne raccordez pas de haut-parleur à l'autre cordon de haut-parleur arrière (2-C).

Schéma de raccordement (3)

1 Vers la batterie ou le répartiteur de terre
Branchez d'abord le câble de mise à la masse noir et, ensuite, les câbles d'alimentation jaune et rouge.

2 Au câble de commande d'antenne électrique ou au 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 bateau est équipé 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 et à une antenne électrique. Le branchement de tout autre système risque d'endommager l'appareil.

3 Vers le connecteur du signal d'éclairage du bateau
Commencez par raccorder le câble de mise à la masse noir à la batterie ou au répartiteur de terre.

4 À la borne d'alimentation +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. Commencez par raccorder le câble de mise à la masse noir à la batterie ou au répartiteur de terre.
- Si votre bateau est équipé d'une antenne FM/AM intégrée dans la vitre arrière/latérale, voir « Remarques sur les câbles de commande et d'alimentation ».

5 À la borne d'alimentation +12 V qui est alimentée en permanence
Commencez par raccorder le câble de mise à la masse noir à la batterie ou au répartiteur de terre.

Remarques sur les câbles de commande et d'alimentation

- Le câble REM OUT (rayé bleu/blanc) fournit une alimentation de +12 V CC lorsque vous mettez l'appareil en marche.
- Lorsque votre bateau est équipé d'une antenne FM/AM intégrée dans la vitre arrière/latérale, raccordez le câble REM OUT (rayé bleu/blanc) 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 détaillant.
- 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, éteignez l'appareil.
- 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 du bateau 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 bateau si l'appareil possède un câble négatif commun (–) pour les haut-parleurs droit et gauche.
- Ne raccordez pas entre eux les câbles des haut-parleurs de l'appareil.

Español

Precauciones

Asegúrese de instalar la unidad en el tablero del barco, ya que la parte posterior de la unidad se calienta durante el uso.

- 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 rieles del asiento).
- Antes de realizar las conexiones, desactive el encendido del barco 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.
- En caso de riesgo accidental de salpicaduras de agua, Sony recomienda encarecidamente proteger la unidad con una Cubierta resistente al agua para el reproductor estéreo (no suministrado). Mientras el iPod o el dispositivo USB está conectado, la Cubierta resistente al agua para el reproductor estéreo no puede cerrarse por completo. Evite tirar agua sobre la unidad.
- 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 conecte esta unidad en combinación con otros componentes estéreo, la capacidad nominal del circuito conectado del barco debe ser superior a la suma del fusible de cada componente.
- Si no hay circuitos del barco 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 ④ ya colocados. Antes de montarla, utilice las llaves de liberación ⑤ para extraer el soporte ① de la misma. Para obtener más información, consulte "Extracción del marco de protección y del soporte (4)" en el reverso de esta página.
- **Conserve las llaves de liberación ⑤ para utilizarlas en el futuro, ya que también las necesitará si retira la unidad del barco.**

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

Ejemplo de conexiones (2)

Conexión sencilla del altavoz potenciador de graves (2-C)
Cuando el altavoz potenciador de graves está conectado al cable de altavoz posterior, puede usarlo sin un amplificador de potencia.

*1 no suministrado (2-B)
*2 No conecte un altavoz a esta conexión (2-C).

Notas

- Asegúrese de conectar primero el cable de conexión a masa antes de realizar la conexión del amplificador (2-A).
- La alarma sonará únicamente si se utiliza el amplificador incorporado (2-A).
- Asegúrese de conectar un altavoz potenciador de graves de 4 a 8 Ω. No conecte un altavoz al otro cable de altavoz posterior (2-C).

Diagrama de conexión (3)

1 A la conexión a masa de la batería o del bloque de distribución
Conecte primero el cable de conexión a masa negro, y después los cables amarillo y rojo de fuente de alimentación.

2 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 señal de la antena, o se utiliza una antena telescópica accionada manualmente, no será necesario conectar este cable.
- Si el barco tiene una antena de FM/AM incorporada 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 y una antena motorizada. La conexión de cualquier otro sistema puede dañar la unidad.

3 Una señal de iluminación del bote
Asegúrese de conectar primero el cable de conexión a masa negro a la batería o a la toma a masa del bloque de distribución.

4 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 la batería o a la toma a masa del bloque de distribución.
- Si el barco tiene una antena de FM/AM incorporada en el cristal trasero o lateral, consulte "Notas sobre los cables de control y de fuente de alimentación".

5 Al terminal de alimentación de +12 V que recibe energía sin interrupción
Asegúrese de conectar primero el cable de conexión a masa negro a la batería o a la toma a masa del bloque de distribución.

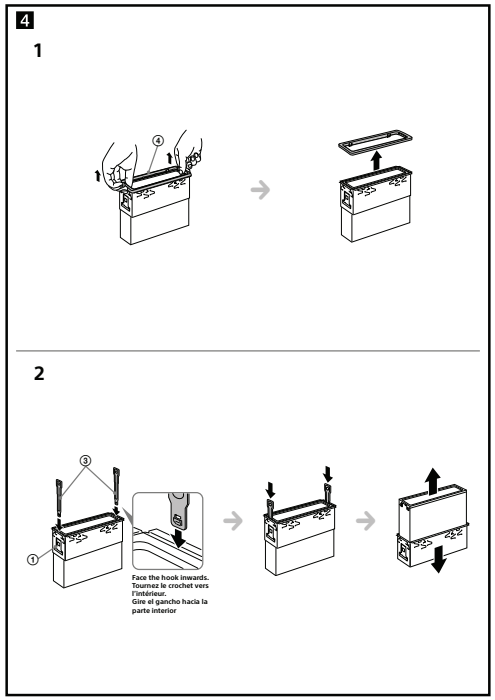
Notas sobre los cables de control y de fuente de alimentación

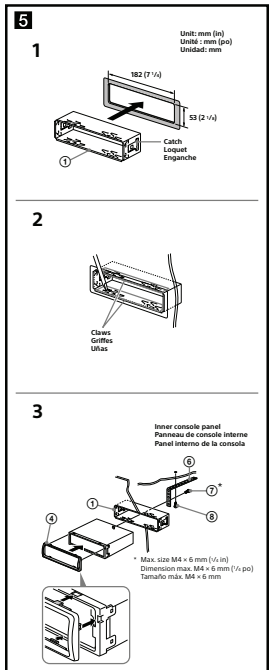
- El cable REM OUT (rayado azul y blanco) suministra cc de +12 V al encender la unidad.
- Si el barco tiene una antena FM/AM integrada en el cristal posterior o lateral, conecte el cable REM OUT (rayado azul y blanco) o el cable de fuente de alimentación auxiliar (rojo) al terminal de alimentación del amplificador de señal de la antena existente. Para obtener más detalles, consulte a su distribuidor.
- Con esta unidad no es posible utilizar una antena motorizada sin caja de relé.

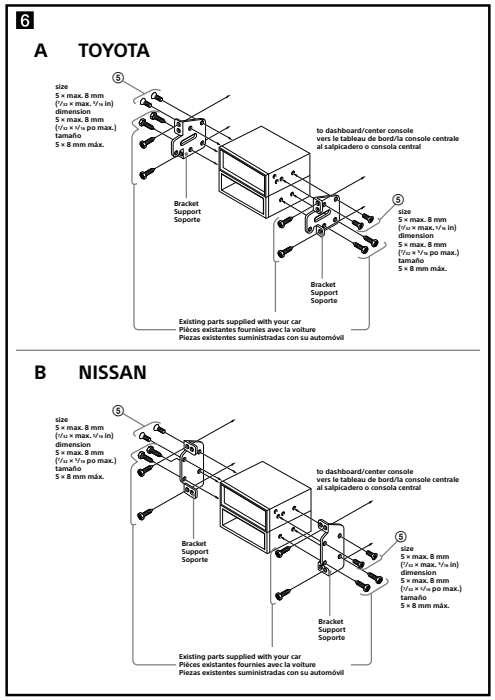
Conexión para protección de la memoria
Si conecta el cable de fuente de alimentación amarillo, el circuito de la memoria recibirá siempre alimentación, aunque apague el interruptor de encendido.

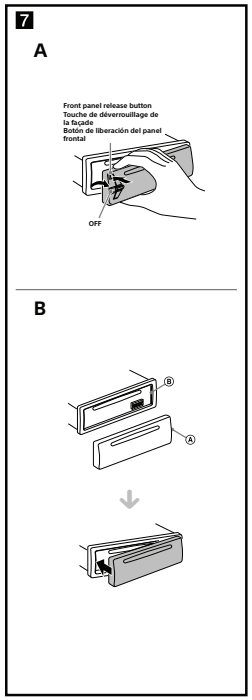
Notas sobre la conexión de los altavoces

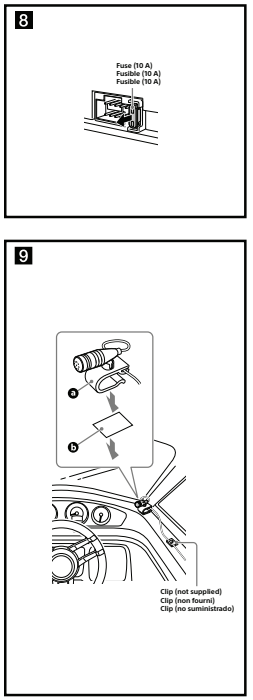
- Antes de conectar los altavoces, desconecte la alimentación de la unidad.
- Utilice altavoces con una impedancia de 4 a 8 Ω, con la capacidad de potencia adecuada para evitar que se dañen.
- No conecte los terminales de altavoz al chasis del barco, ni conecte los terminales del altavoz derecho con 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 fallas de funcionamiento, no utilice los cables de altavoz incorporados instalados en el barco si la unidad comparte un cable negativo común (–) para los altavoces derecho e izquierdo.
- No conecte los cables de altavoz de la unidad entre sí.











English

Precautions

- Choose the installation location carefully so that the unit will not interfere with normal boating or car 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.
- Select carefully the mounting location to avoid internal damage by water entering the unit. Areas subject to water splashes should be avoided. The Waterproof Car Stereo Cover (not supplied) is recommended.
- 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 Ⓐ and the bracket ① from the unit.

1 **Remove the protection collar Ⓐ.**
Pinch both edges of the protection collar Ⓐ, then pull it out.

2 **Remove the bracket ①.**
❶ Insert both release keys Ⓑ together between the unit and the bracket ① until they click.
❷ Pull down the bracket ①, then pull up the unit to separate.

Mounting example (5)

Installation in the cutout hole on boat

Notes
- Before installing, make sure that the catches on both sides of the bracket Ⓒ are bent inwards 2 mm (5/32 in). If the catches are straight or bent outwards, the unit will not be installed securely and may spring out (5-1).
- Bend these claws outward for a tight fit, if necessary (5-2).
- Make sure that the 4 catches on the protection collar Ⓐ 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 Ⓑ.

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 OFF. Press the front panel release button, and pull it off towards you.

7-B To attach

Engage part Ⓐ of the front panel with part Ⓑ of the unit, as illustrated, and push the left side into position until it clicks.

Warning if your boat'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 OFF until the display disappears each time you turn the ignition off.

Fuse replacement (8)

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.

Installing the microphone (9)

Installing on the dashboard
To capture your voice during handsfree calling, you need to install the microphone Ⓖ.
The microphone is not waterproof. Select a location for the microphone which is dry and protected from water; for example, near the windshield.
Install a clip (not supplied) and adjust the length and position of the cord so that it does not obstruct your driving.

Cautions
- Keep the microphone away from extremely high temperatures and humidity.
- It is extremely dangerous if the cord becomes wound around the steering column or gear stick. Be sure to keep it and other parts from obstructing your driving.
- If airbags or any other shock-absorbing equipment is in your boat, contact the store where you purchased this unit, or the boat dealer, before installation.

Notes
- Before attaching the double-sided tape Ⓑ, clean the surface of the dashboard with a dry cloth.
- Adjust the microphone angle to the proper position.

Notes on the tuning step

- For how to set the tuning step, see the supplied Operating Instructions.
- If replacing the boat battery or changing the connections, the tuning step setting will be erased.

Français

Précautions

- Choisissez soigneusement l'emplacement d'installation pour que l'appareil ne gêne pas la conduite du bateau ou de la voiture.
- 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.
- Sélectionnez soigneusement l'emplacement d'installation afin d'éviter que l'eau ne pénètre à l'intérieur de l'appareil et n'entraîne des problèmes de fonctionnement. Évitez les zones sujettes aux projections d'eau. L'utilisation de la housse imperméable pour chaîne stéréo de voiture (non fournie) est recommandée.
- 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 Ⓐ et le support ① de l'appareil.

1 **Retirez le tour de protection Ⓐ.**
Pincez les deux bords du tour de protection Ⓐ, puis sortez-le.

2 **Retirez le support ①.**
❶ Insérez les clés de déblocage Ⓑ en même temps entre l'appareil et le support ① jusqu'au déclic.
❷ Tirez le support ① vers le bas, puis tirez sur l'appareil vers le haut pour les séparer.

Exemple de montage (5)

Installation dans l'orifice prédécoupé sur le bateau

Remarques
- Avant l'installation, assurez-vous que les loquets des deux côtés du support ① sont bien pliés de 2 mm (5/32 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 (5-1).
- 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 Ⓐ 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 Ⓑ 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 OFF. Appuyez sur la touche de déverrouillage de la façade, puis faites glisser la façade vers vous.

7-B Pour la fixer

Engagez la partie Ⓐ de la façade dans la partie Ⓑ de l'appareil, comme illustré, puis appuyez sur le côté gauche jusqu'au déclic indiquant que la façade est en position.

Avertissement si le contact de votre bateau ne comporte pas de position ACC

Veillez à régler la fonction Auto Off. Pour obtenir davantage d'informations, reportez-vous au mode d'emploi fourni.
L'appareil s'éteint complètement et automatiquement après le laps de temps choisi une fois l'appareil arrêté afin d'éviter que la batterie ne se décharge.
Si vous ne réglez pas la fonction Auto Off, appuyez sur la touche OFF et maintenez-la enfoncée jusqu'à ce que l'affichage disparaisse à chaque fois que vous coupez le contact.

Remplacement du fusible (8)

Lorsque vous remplacez le fusible, veillez à utiliser un fusible dont l'intensité, en ampères, correspond à la valeur indiquée sur le fusible usagé. Si le fusible grille, vérifiez le branchement de l'alimentation et remplacez le fusible. Si le nouveau fusible grille également, il est possible que l'appareil soit défectueux. Dans ce cas, consultez votre détaillant Sony le plus proche.

Installation du microphone (9)

Fixation sur le tableau de bord
Pour capturer votre voix durant les appels mains libres, vous devez installer le microphone Ⓖ.
Le microphone n'est pas étanche. Choisissez un endroit sec et à l'abri de l'eau pour le microphone; par exemple, près du pare-brise.
Installez un clip (non fourni) et ajustez la longueur et la position du cordon de façon à ce qu'il ne gêne pas la conduite.

Mises en garde
- N'exposez pas le microphone à des températures extrêmement élevées et à l'humidité.
- Veillez à ce que le cordon ne soit pas enroulé autour du volant ou du levier de vitesses. Ceci peut s'avérer extrêmement dangereux. Veillez à ce que le cordon et les autres pièces ne gênent pas votre conduite.
- Si un système de coussins de sécurité gonflables ou tout autre équipement absorbant les chocs est présent dans votre bateau, contactez le magasin où vous avez acheté cet appareil ou votre concessionnaire avant l'installation.

Remarques
- Avant de fixer l'adhésif double face Ⓑ, nettoyez la surface du tableau de bord avec un chiffon sec.
- Réglez l'angle du microphone afin de le positionner correctement.

Remarques sur l'intervalle de syntonisation

- Pour savoir comment régler l'intervalle de syntonisation, consultez le mode d'emploi fourni.
- Si vous remplacez la batterie du bateau ou modifiez les raccordements, le réglage de l'intervalle de syntonisation sera effacé.

Español

Precauciones

- Elija cuidadosamente el lugar de montaje de forma que la unidad no interfiera con las funciones normales de conducción del automóvil o del barco.
- Evite instalar la unidad donde pueda quedar expuesta a polvo, suciedad, vibraciones excesivas o altas temperaturas, por ejemplo, a la luz solar directa o cerca de conductos de calefacción.
- Seleccione cuidadosamente el lugar de montaje para evitar que el agua provoque daños internos. Deben evitarse las zonas expuestas a salpicaduras de agua. Se recomienda utilizar la cubierta resistente al agua para el reproductor estéreo para automóviles (no suministrada).
- Para realizar una instalación segura y firme, utilice solamente elementos de instalación suministrados.

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 Ⓐ y el soporte ① de la misma.

1 **Retire el marco de protección Ⓐ.**
Apriete ambos bordes del marco de protección Ⓐ y, a continuación, tire de él hacia fuera.

2 **Retire el soporte ①.**
❶ Inserte ambas llaves de liberación Ⓑ entre la unidad y el soporte ① hasta que encajen.
❷ Presione el soporte ① y, a continuación, levante la unidad para separar ambos elementos.

Ejemplo de montaje (5)

Instalación en el orificio de corte del barco

Notas
- Antes de instalar la unidad, compruebe que los enganches de ambos lados del soporte ① estén doblados hacia adentro 2 mm. Si no lo están o están doblados hacia afuera, la unidad no se instalará correctamente y puede saltar (5-1).
- Si es necesario, doble las uñas hacia fuera para que encaje firmemente (5-2).
- Compruebe que los 4 enganches del marco de protección Ⓐ 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 Ⓑ.

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 OFF. Presione el botón de liberación del panel frontal y extraiga el panel frontal hacia usted.

7-B Para instalarlo

Coloque la parte Ⓐ del panel frontal en la parte Ⓑ de la unidad, como se muestra en la ilustración, y después presione la parte izquierda hasta que encaje.

Advertencia: si el encendido del barco 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 OFF cada vez que apague el interruptor de encendido, hasta que la pantalla desaparezca.

Sustitución del fusible (8)

Al sustituir el fusible, asegúrese de utilizar uno cuyo amperaje coincida con el especificado en el original. Si el fusible se funde, verifique la conexión de alimentación y sustitúyalo. Si el fusible vuelve a fundirse después de sustituirlo, es posible que exista alguna falla de funcionamiento interno. En tal caso, consulte con el distribuidor Sony más cercano.

Instalación del micrófono (9)

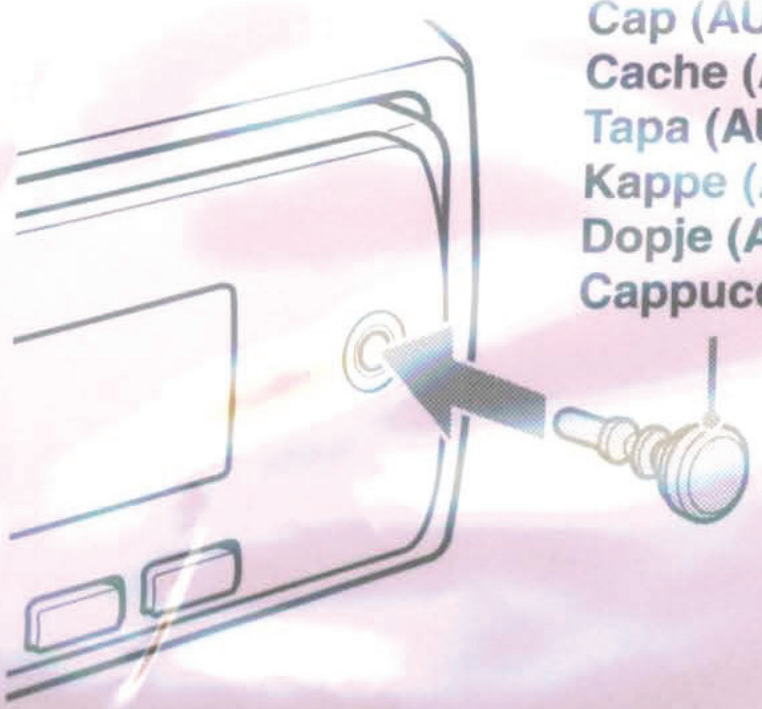
Instalación en el salpicadero
Para capturar la voz durante llamadas con manos libres, debe instalar el micrófono Ⓖ.
El micrófono no es resistente al agua. Seleccione un lugar para el micrófono que esté seco y protegido del agua, por ejemplo, cerca del parabrisas.
Instale un clip (no suministrado) y ajuste la longitud y la posición del cable de modo que no obstruya la conducción.

Precauciones
- Mantenga el micrófono alejado de lugares con humedad y temperaturas muy altas.
- Que el cable se enrolle alrededor del volante o de la palanca de cambios es extremadamente peligroso. Asegúrese de impedir que el cable y otros componentes obstruyan la conducción.
- Si el bote dispone de airbags u otros dispositivos de amortiguación de impactos, póngase en contacto con el establecimiento donde ha adquirido esta unidad o con el distribuidor de embarcaciones antes de llevar a cabo la instalación.

Notas
- Antes de colocar la cinta adhesiva de doble cara Ⓑ, limpie la superficie del tablero con un paño seco.
- Ajuste el ángulo del micrófono en la posición adecuada.

Notas acerca de la sintonización

- Para obtener información sobre cómo ajustar la sintonización, consulte el manual de instrucciones suministrado.
- Si se reemplaza la batería del barco o se cambian las conexiones, la configuración de la sintonización se borrará.



Cap (AUX)
Cache (AUX)
Tapa (AUX)
Kappe (AUX)
Dopje (AUX)
Cappuccio (AUX)

Caution
Keep away from small children. If swallowed, promptly see a doctor.

Attention
Tenez le cache hors de portée des enfants en bas âge. En cas d'ingestion, consultez immédiatement un médecin.

Precaución
Manténgase fuera del alcance de los niños. En caso de ingestión, consulte a un médico inmediato.

Achtung
Halten Sie die Kappe von kleinen Kindern fern. Suchen Sie bei versehentlichem Verschlucken unverzüglich einen Arzt auf.

Let op
Houd het product buiten het bereik van kleine kinderen. Raadpleeg onmiddellijk een arts als het product wordt ingeslikt.

Attenzione
Tenere fuori dalla portata dei bambini. In caso di ingestione, consultare immediatamente un medico.

SONY

3-271-057-11 (1)

About the supplied cap (AUX)

When the AUX input jack is not used, attach the cap to prevent water from entering.

À propos du cache fourni (AUX)

Lorsque la prise d'entrée AUX n'est pas utilisée, fixez le cache fourni pour éviter que de l'eau ne pénètre à l'intérieur.

Acerca de la tapa (AUX) suministrada

Cuando no utilice la toma de entrada AUX, coloque la tapa para evitar que entre agua.

Hinweis zur mitgelieferten Kappe (AUX)

Wenn die AUX-Eingangsbuchse nicht verwendet wird, bringen Sie die Kappe an, damit kein Wasser eindringen kann.

Informatie over het bijgeleverde dopje (AUX)

Wanneer de AUX-ingang niet wordt gebruikt, plaatst u het dopje in de ingang om te voorkomen dat water in de ingang kan terechtkomen.

Informazioni sul cappuccio (AUX) in dotazione

Se non viene utilizzata la presa di ingresso AUX, applicare l'apposito cappuccio onde evitare che sostanze liquide penetrino all'interno.

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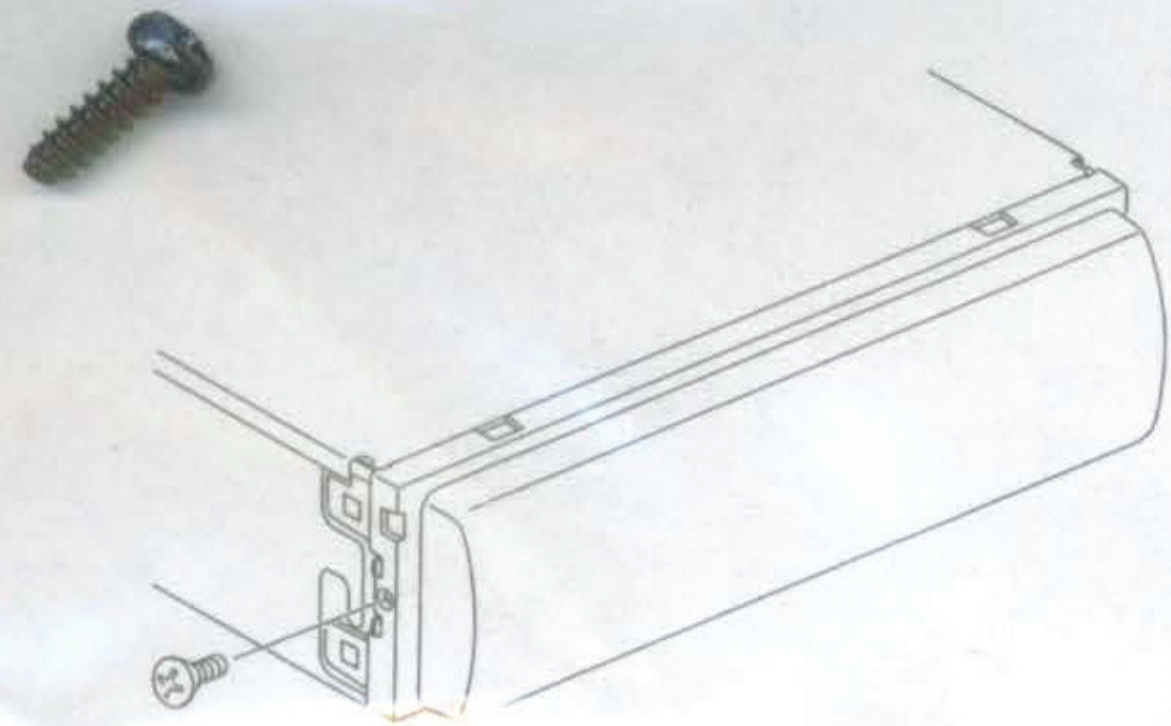
SONY®

4-467-585-01

For Dealers

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

Secure the screw on the left side of the unit.



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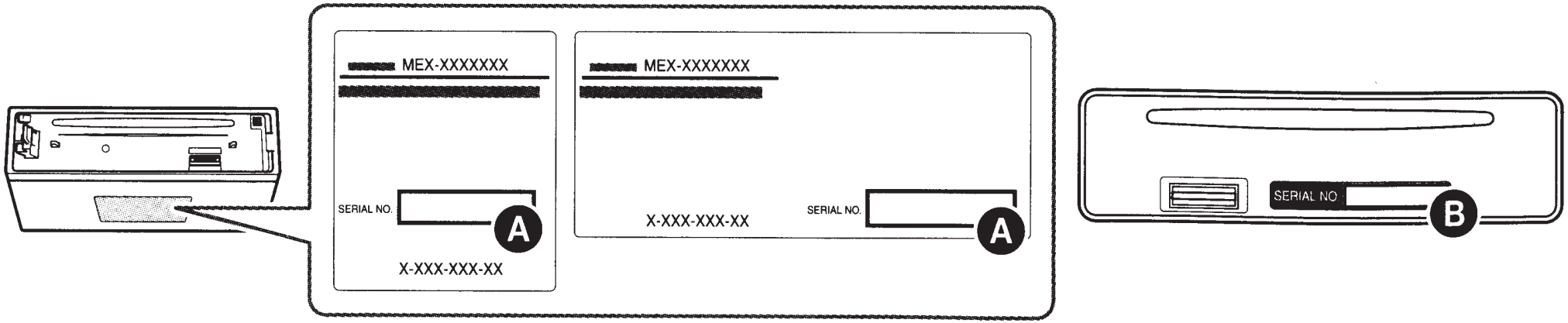
SONY

4-485-223-**11**(1)



English

IMPORTANT NOTICE FOR DEALER:

MAKE SURE THE SERIAL NUMBERS ON THE BOTTOM OF THE UNIT Ⓐ AND THE REAR OF THE FRONT PANEL Ⓑ ARE IDENTICAL.
OTHERWISE THE NFC FUNCTION OF THIS UNIT WILL NOT WORK.

Français

AVIS IMPORTANT POUR LE REVENDEUR :

ASSUREZ-VOUS QUE LES NUMÉROS DE SÉRIE INDIQUÉS SOUS L'APPAREIL Ⓐ ET A L'ARRIÈRE DE LA FAÇADE Ⓑ SONT IDENTIQUES.
SINON, LA FONCTION NFC DE CET APPAREIL NE POURRA PAS FONCTIONNER.

Deutsch

WICHTIGER HINWEIS FÜR HÄNDLER:

ACHTEN SIE DARAUF, DASS DIE SERIENNUMMERN AN DER UNTERSEITE DES GERÄTS Ⓐ UND AN DER RÜCKSEITE DER FRONTPLATTE Ⓑ ÜBEREINSTIMMEN.
ANDERNFALLS FUNKTIONIERT DIE NFC-FUNKTION DIESES GERÄTS NICHT.

Italiano

NOTA IMPORTANTE PER IL RIVENDITORE:

ASSICURARSI CHE IL NUMERO DI SERIE RIPORTATO SULLA PARTE INFERIORE DELL'UNITÀ Ⓐ SIA IDENTICO A QUELLO RIPORTATO SUL RETRO DEL PANNELLO ANTERIORE Ⓑ.
IN CASO CONTRARIO, LA FUNZIONE NFC DELL'UNITÀ NON SARÀ ATTIVA.

Nederlands

BELANGRIJKE KENNISGEVING VOOR VERDELER:

GA NA OF DE SERIENUMMERS OP DE ONDERKANT VAN HET APPARAAT Ⓐ EN OP DE ACHTERKANT VAN HET VOORPANEEL Ⓑ IDENTIEK ZIJN.
IS DIT NIET HET GEVAL, DAN ZAL DE NFC-FUNCTIE VAN DIT APPARAAT NIET WERKEN.

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* 4 4 8 5 2 2 3 1 1 * (1)

SONY

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 logiciel sont fournis « TELS QUELS », sauf aux termes d'une garantie limité de logiciel comprise dans l'emballage. Veuillez consulter les ententes d'usager 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

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

SONY

4-447-347-51

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
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Home Theatre System
Home Video Player and Recorders
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Microcassette recorder
Net MD/H-MMD Walkman
Network Walkman
Portable CD Players/ with Radio
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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

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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 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,
or call the Sony Customer Information Centre at 1-877-899-7669.

Printed in Thailand

4-447-747-02

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 when purchased directly from Sony or a Sony Retailer. 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 from Sony or a Sony Retailer is required. For specific instructions on how to obtain warranty service for your product,

Visit Sony's Web Site:
www.sony.com/support

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 or product purchased from other than Sony or a Sony Retailer. To determine if a retailer is part of the Sony Retailer Network, please contact Sony's Customer Service Call Center or go to www.sony.com/support. 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.

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