# SONY

4-427-804-11(2)

# Bluetooth<sup>®</sup> Audio System

Operating Instructions GB Mode d'emploi FR



#### **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-GS600BT Serial No. \_

To cancel the demonstration (DEMO) display, see page 7. Pour annuler l'affichage de démonstration (DEMO), reportezvous à la page 7.



MEX-GS600BT

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

# Warning

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

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

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

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

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 in Supplement C to OET65 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 (excluding extremities: hands, wrists, feet and ankles).

#### CAUTION

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

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

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#### CAUTION

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

#### 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

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#### Note on the lithium battery

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

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

Be sure to set the Auto Off function (page 35). The unit will shut off completely and automatically in the set time after the unit is turned off, which prevents battery drain. If you do not set the Auto Off function, press and hold (SOURCE/OFF) until the display disappears each time you turn the ignition off.

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# **Getting Started**

# 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 pull off the road and park 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 cars, 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 car. Faulty installation or service may be dangerous and may invalidate any warranty that may apply to this device.

Consult with the manufacturer of your car to ensure that the use of your cellular phone in the car will not affect its electronic system. Check regularly that all wireless device equipment in your car is mounted and operating properly.

#### **Emergency calls**

This Bluetooth car 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.

# 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 until "DISPLAY" appears, then press it.
- **2** Rotate the control dial until "DEMO" appears, then press it.
- **3** Rotate the control dial to select "DEMO-OFF," then press it. The setting is complete.
- 4 Press → (BACK) to return to the previous display. The display returns to normal reception/ play mode.

# Setting the clock

The clock uses a 12-hour digital indication.

- **1** Press (MENU), rotate the control dial until "GENERAL" appears, then press it.
- **2** Rotate the control dial until "CLOCK-ADJ" appears, 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.

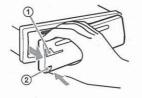
The setup is complete and the clock starts.

To display the clock, press (DSPL).

# **Detaching the front panel**

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

- **1** Press and hold (SOURCE/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**

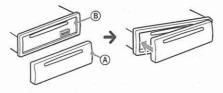
If you turn the ignition switch to the OFF position without detaching the front panel, the caution alarm will sound for a few seconds. The alarm will only sound if the built-in amplifier is used.

#### Note

Do not subject the front panel to heat/high temperature or moisture. Avoid leaving it in a parked car or on a dashboard/rear tray.

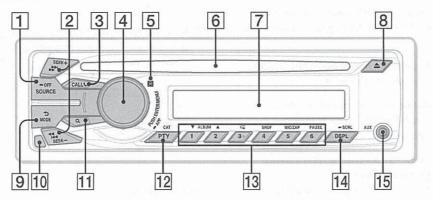
#### Attaching the front panel

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



# **Location of controls**

# Main unit



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

#### **1** SOURCE/OFF button\*1\*2\*3

Press to turn on the power; select the source (Radio/CD/USB/Pandora<sup>®</sup> via USB/AUX/Bluetooth audio/Bluetooth Pandora<sup>®</sup>/Bluetooth phone).

Press repeatedly to change to another source.

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 disappears.

#### 2 SEEK +/- buttons

#### Radio:

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

#### CD/USB:

To skip a track (press); skip tracks continuously (press, then press again within about 2 seconds and hold); reverse/fast-forward a track (press and hold). Pandora<sup>®</sup> via USB/Bluetooth Pandora<sup>®</sup>: To skip a track (press <u>SEEK</u> +). Bluetooth Audio<sup>\*4</sup>: To skip a track (press); reverse/fast-

forward a track (press and hold). **App Remote**\*5: To skip a track (press).

#### 3 CALL & button page 23

To enter the call menu (press); switch the Bluetooth signal (press and hold more than 2 seconds); receive/end a call (press).

- Control dial/ENTER/MENU/APP
   button page 17, 32, 35
   Rotate to adjust volume.
   Press to enter setup mode.
   Press to receive/end a call.
   Press and hold for more than 2 seconds to establish App Remote.
   After pressing (SOURCE/OFF), rotate then press to change the source.
- 5 Receptor for the remote commander

6 Disc slot Insert the disc (label side up), playback starts.

#### 7 Display window

- 8 ▲ (Eject) button To eject the disc.
- GBACK)/MODE button<sup>\*1</sup> page 11, 15, 17, 27, 31 Press to return to the previous display;

select the radio band (FM/AM). Press and hold to enter/cancel the passenger control (iPod); enter the bookmark mode (Pandora<sup>®</sup> via USB/ Bluetooth Pandora<sup>®</sup>). Press to activate/deactivate the appropriate device (this unit/cellular phone) (Bluetooth phone).

#### 10 Front panel release button page 7

- ① Q (BROWSE) button page 16, 19, 31 To enter the Quick-BrowZer<sup>™</sup> mode (CD/USB); list the station (Pandora<sup>®</sup> via USB/Bluetooth Pandora<sup>®</sup>).
- 12 PTY (Program Type)/CAT (Category)\*6 button page 12, 39 To select PTY in RDS.

### 13 Number buttons

Radio:

To receive stored stations (press); store stations (press and hold). CD/USB:

(1)/(2): **ALBUM**  $\forall/ \land$  (during MP3/WMA/AAC playback)

- To skip an album (press); skip albums continuously (press and hold).
- ④: **SHUF** page 18
- (5): **ZAP** page 20
- 6: PAUSE
  - To pause playback. Press again to resume playback.

Pandora\*:
①/②: Thumbs down (♥)/up (▲)
(press and hold for 1 second) page 16,
31
⑥: PAUSE To pause playback. Press again to resume playback.
Bluetooth Audio\*4:

- 1)(2): ALBUM ▼/▲

Pandora<sup>®</sup> via USB/Bluetooth

- (4): **SHUF** page 29
- 6: PAUSE
  - To pause playback. Press again to resume playback.

Bluetooth phone: page 27, 28

To call a stored phone number (press); to store a phone number as a preset (press and hold) (in the call menu).

(5): MIC (during a call) page 27 To set the MIC gain (press); to select Echo Canceler/Noise Canceler mode (press and hold).

App Remote\*5:

6: PAUSE

To pause playback. Press again to resume playback.

14 DSPL (Display)/SCRL (Scroll) button page 12, 13, 14, 15, 16, 25, 29, 31, 39 To change display items (press); scroll a display item (press and hold).

#### 15 AUX input jack page 38

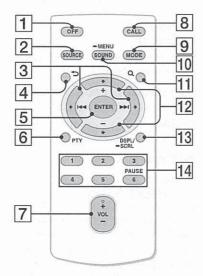
- \*1 If a SiriusXM Vehicle Tuner is connected: when (SOURCE/OFF) is pressed, the connected device ("SIRIUSXM") will appear on the display. Press (MODE) to select the desired SiriusXM Vehicle Tuner band.
- \*2 If App Remote is established with iPhone/ Android<sup>™</sup> phone, the application name appears on the display when selecting the source.
- \*3 While running the "App Remote" application, "Pandora\* via USB" and "Bluetooth Pandora\*" do not appear on the list.

- \*4 When a Bluetooth audio device (supports AVRCP of Bluetooth technology) is connected. Depending on the device, certain operations may not be available.
- \*5 When App Remote is established with iPhone/Android phone. Depending on the application, certain operations may not be available.
- \*6 When the SiriusXM Vehicle Tuner is connected.
- \*7 This button has a tactile dot.

#### Note

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

# RM-X231 Remote commander



Remove the insulation film before use.



#### 1 OFF button

To turn off the power; stop the source; reject a call.

#### 2 SOURCE button\*1\*2\*3

Press to turn on the power. Press repeatedly to change to another source (Radio/CD/USB/Pandora<sup>®</sup> via USB/AUX/Bluetooth audio/Bluetooth Pandora<sup>®</sup>/Bluetooth phone).

#### [3] ← (I◀◀)/→ (▶▶I) buttons

To control Radio/CD/USB/Pandora<sup>®</sup> via USB/Bluetooth audio/Bluetooth Pandora<sup>®</sup>/App Remote, the same as (SEEK) -/+ on the unit. Setup items can be operated by ← →. After pressing (SOURCE), press ← → to change the source.

- [4] → (BACK) button To return to the previous display.
- 5 ENTER button To apply a setting; receive a call; end a call.
- 6 PTY (Program Type) button
- 7 VOL (Volume) +\*4/- button
- 8 CALL button

To enter the call menu. To receive/end a call.

#### 9 MODE button\*1

Press to select the radio band (FM/AM). Press and hold to enter/cancel the passenger control; enter the bookmark mode (Pandora<sup>®</sup> via USB/Bluetooth Pandora<sup>®</sup>). Press to activate/deactivate the

appropriate device (this unit/cellular phone) (Bluetooth phone).

#### 10 SOUND/MENU button

To enter the SOUND menu directly (press); to enter setup mode (press and hold).

#### 11 Q (BROWSE) button

#### 12 **1**(+)/**↓** (−) buttons

To control CD/USB/Pandora<sup> $\circ$ </sup> via USB/ Bluetooth audio device/Bluetooth Pandora<sup> $\circ$ </sup>, the same as (1)/(2)(ALBUM  $\bigvee/A$ ) on the unit. Setup items can be operated by  $\Uparrow$ .

#### 13 DSPL (Display)/SCRL (Scroll) button

#### **14 Number buttons**

To receive stored stations (press); store stations (press and hold). To call a stored phone number (press); to store a phone number as a preset (press and hold) (in the call menu) (Bluetooth phone). To pause playback (press (6)).

- \*1 If a SiriusXM Vehicle Tuner is connected: when (SOURCE) is pressed, the connected device ("SIRIUSXM") will appear on the display. Press (MODE) to select the desired SiriusXM Vehicle Tuner band.
- \*2 If App Remote is established with iPhone/ Android phone, the application name appears on the display when selecting the source.
- \*3 While running the "App Remote" application, "Pandora\* via USB" and "Bluetooth Pandora\*" do not appear on the list.
- \*4 This button has a tactile dot.

## Radio

# Storing and receiving stations

#### Caution

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

#### Storing automatically — BTM

- 1 Press (SOURCE/OFF) repeatedly until "TUNER" appears. To change the band, press (MODE) repeatedly. You can select from FM1, FM2, FM3, AM1 or AM2.
- 2 Press (MENU), rotate the control dial until "GENERAL" appears, then press it.
- **3** Rotate the control dial until "BTM" appears, then press it. The unit stores stations in order of frequency on the number buttons.

#### Tip

You can also press (SOURCE/OFF), rotate the control dial to select "TUNER," then press it to select the source.

#### **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).

### **Tuning automatically**

**1** Select the band, then press <u>SEEK</u> +/- to search for the station.

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

#### Tip

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

### RDS

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

#### Notes

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

#### **Changing display items**

Press (DSPL).

## Selecting PTY (Program Types)

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

- **1 Press PTY during FM reception.** The current program type name appears if the station is transmitting PTY data.
- 12

**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**

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)

#### Note

You may receive a different radio program from the one you select.

#### Setting CT (Clock Time)

The CT data from the RDS transmission sets the clock.

**1** Set "CT-ON" in setup (page 36).

#### Note

The CT function may not work properly even though an RDS station is being received.

# CD

# **Playing a disc**

This unit can play CD-DA (also containing CD TEXT) and CD-R/CD-RW (MP3/WMA/AAC files (page 40)).

**1** Insert the disc (label side up).

Playback starts automatically.

# To eject the disc, press 📤.

#### Notes

- When ejecting/inserting a disc, keep any USB devices disconnected to avoid damage to the disc.
- Corresponding codec is MP3 (.mp3), WMA (.wma) and AAC (.m4a).

#### **Changing display items**

#### Press (DSPL).

Displayed items may differ depending on the disc type, recording format and settings.

# **USB** devices

- 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.
- Backup of data to a USB device is recommended.

#### Notes

- Connect the USB device after starting the engine.
- Depending on the USB device, malfunction or damage may occur if it is connected before starting the engine.
- Corresponding codec is MP3 (.mp3), WMA (.wma), AAC (.m4a) and AAC (.mp4).
- For details on the compatibility of your USB device, visit the support site on the back cover.

# **Playing back a USB device**

**1** Connect the USB device to the USB port.



Playback starts.

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

To stop playback, press and hold (SOURCE/OFF) for 1 second.

To remove the USB device, stop the USB playback, then remove the USB device.

### 13

#### Notes

- Do not use USB devices so large or heavy that they may fall down due to vibration, or cause a loose connection.
- Do not detach the front panel during playback of the USB device, otherwise USB data may be damaged.

#### **Changing display items**

Press (DSPL).

Displayed items may differ depending on the USB device, recording format and settings.

#### Notes

- The maximum number of tracks is 10,000. It may take time for playback to begin,
- depending on the amount of recorded data.During playback or fast-forward/reverse of a
- VBR (Variable Bit Rate) MP3/WMA/AAC file, elapsed playing time may not display accurately.
- Playback of the following MP3/WMA/AAC files is not supported.
  - lossless compression files
  - copyright-protected files
  - DRM (Digital Rights Management) files
  - Multi-channel audio files

# iPod

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

For details on the compatibility of your iPod, see "About iPod" (page 41) or visit the support site on the back cover.

# **Playing back iPod**

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

- 1 Connect the iPod to the USB port with the USB connection cable for iPod (not supplied)\*.
  - \* RC-100IP USB connection cable for iPod is recommended.



The tracks on the iPod start playing automatically from the point last played.

If an iPod is already connected, to start playback, press (SOURCE/OFF) repeatedly until "USB" appears. ("IPD" appears in the display when iPod is recognized.)

To stop playback, press and hold (SOURCE/OFF) for 1 second.

To remove the iPod, stop the iPod playback, then remove the iPod.

#### **Caution for iPhone**

When you connect iPhone via USB, phone call volume is controlled by 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.

#### Note

Do not detach the front panel during playback of the iPod, otherwise data may be damaged.

#### Tip

The iPod is recharged while the unit is turned on.

#### **Resuming mode**

When the iPod is connected to the unit, playback starts in the mode set by the iPod. In this mode, the following buttons do not function.

- ③ (ᢏ) - ④ (SHUF)

**Changing display items** 

Press (DSPL).

#### Note

Some letters stored in iPod may not be displayed correctly.

# Skipping albums, podcasts, genres, playlists and artists

То	Do this
Skip	Press ①/② (ALBUM ▼/ ▲) [press once for each skip]
Skip continuously	Press and hold ①/② (ALBUM ▼/▲) [hold to desired point]

# Operating an iPod directly — Passenger control

You can operate an iPod directly even when it is connected to the unit.

 During playback, press and hold (MODE).
 "MODE IPOD" appears and you will be

able to operate the iPod directly.

To exit the passenger control, press and hold (MODE). "MODE AUDIO" will appear and direct operation of the iPod will not be possible.

#### Note

The volume can be adjusted only by the unit.

# Pandora® via USB (iPhone)

Pandora<sup>®</sup> is available to stream music through your iPhone. You can control Pandora<sup>®</sup> on a USB-connected iPhone from this unit.

Download the latest version of the Pandora<sup>®</sup> application and obtain more information from www.pandora.com

For details on usable devices, visit the support site on the back cover.

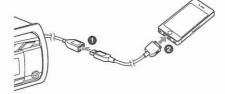
#### Notes

- Certain Pandora<sup>®</sup> service functions may not be available.
- The Pandora<sup>\*</sup> service is only available in the U.S.

# **Streaming Pandora®**

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

- 1 Connect the iPhone to the USB port with a USB connection cable for iPhone (not supplied)\*.
  - \* RC-100IP USB connection cable for iPhone is recommended.



- **2** Press SOURCE/OFF) repeatedly until "PANDORA USB" appears.
- **3** Launch Pandora<sup>®</sup> application on the iPhone.

#### 4 Adjust the volume on this unit.

To pause playback, press (6) (PAUSE). To resume playback, press again.

To skip a track, press (SEEK) +.

#### Notes

- You cannot skip back to the previous track.
- Pandora\* limits the number of skips allowed.

#### **Changing display items**

Press (DSPL).

### "Thumbs" feedback

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

#### Thumbs Up

During playback, press and hold  $\textcircled{2}(\blacktriangle)$  for 1 second.

#### **Thumbs Down**

During playback, press and hold (1)  $(\mathbf{V})$  for 1 second.

## **Station list**

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

- 1 During playback, press Q (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.