Welcome!
Thank you for purchasing the Sony XM Satellite Radio Receiver. The receiver allows you to
receive XM Radio broadcast services from The XM Satellite Radio Network. The receiver
includes: a) the XM radio receiver, and b) a Remote Control.

Owner's Record
The model and serial number of your radio receiver is located on the back. Record the number in the space below. Refer to these numbers whenever you call your Sony dealer regarding this product.

Model No. XT-XM1
Serial No. ____________

Getting Started
Resetting the master unit
Before operating the XM receiver for the first time, reset the master unit. If the unit is not reset in this manner, it may not function properly. For details on how to reset it, refer to the operating instructions of the master unit.

Caution
For the following master units, press the Repeat (REP) button of the master unit for two seconds after turning the XM on and select “setup 2.”
Without this procedure, the master unit will not display tuning information from the receiver correctly. Except for the following master units, “setup 1” is selected in the factory settings.

CDX-C805K
CDX-M750
CDX-M450
CDX-M610
CDX-M400
MDX-C800BEC
MDX-C800DX
XR-M550

You may observe flickering in parts of the display while performing operations. This is not malfunction.

Note
Resetting the master unit will erase the clock setting and some stored contents of the master unit.

Basic Operations
Listening to a program
The XM receiver is controlled by the master unit. Button locations vary with different master unit models. Please refer to the master unit instruction manuals.

1. To select XM:
   a. Press the Source button until “XM” is displayed.
   b. Press the Source button until “MD” is displayed, then press the Mode button to select XM. For master units that can control more than one MD changer, press the source button until “MD1,” “MD2,” etc. until the receiver is found.

2. Press either Seek button to select the desired channel.
Pressing and holding the Seek button will quickly step through the channels.

Using category search to locate channels
Each XM channel is associated with a category that describes the type of music or programming that is played on the channel. Examples of categories include “rock,” “tunes,” “news,” and so on. Users unfamiliar with XM's programming may use the radio's search-by-category function to select channels.

1. Press the Repeat (REP) button to enter category search mode.
   The category of the current channel is displayed. With some master units, the Repeat button is only equipped on the remote control.

2. Press the Disc/Preset buttons repeatedly until you find the desired category.
   The display shows “CAT” to indicate that the radio is in category search mode. While in this mode, you will only be able to tune to channels in the selected category. You may use the Disc/Preset buttons to choose other categories.

3. To exit from category search mode and return to the normal mode, press the Repeat (REP) button.
   The radio automatically returns to the normal mode if no key is pressed within 5 seconds.

Display Items
The XM Satellite Radio information (Channel Name, Channel Number, Artist Name/Program Name and Song Title) is available on the display.

Press the Display (DSP) button.
Each time you press the Display (DSP) button, the items change as follows:

Channel Name — Channel Number — Artist Name/Program Name — Song Title
For MEX-SD, press the ENTER button of the remote control to change the display item.

Note
White Artist Name/Program Name or Song Title is displayed.
if you select a channel, Channel Name will be displayed for 2 to 3 seconds and then return to the previous display.

If there is no information about Artist Name/Program Name or Song Title, “—” will be displayed.

During XM Satellite Radio reception, Spectrum Analyzer, Dual Information, Motion Display function of the master unit cannot be operated.
The display indicates up to 8 categories. The characters on the display cannot be scrolled even when the Auto Scroll function of the master unit is set on.
You cannot display the clock during XM Satellite Radio reception on a master unit whose clock display is shown by pressing the Display (DSP) button.

Storing favorite channels
You can preset up to 20 channels.

1. Tune in a channel that you want to store.

2. Press the Shuffle (SHUF) button.
   The radio will show a list of presets, starting with preset number 1. The preset number will be shown if a channel has already been stored into the preset. With some master units, the Shuffle switch is only equipped on the remote control.

3. Press the Disc/Preset button to select a preset number.
   With some master units, the Disc/Preset button is only equipped on the remote control.

4. Press the Disc/Preset + (DISC +) button for 2 seconds.
   The display shows “MEMORY” if the radio successfully stores the channel into the preset. The display shows “FAIL” if the radio fails to store the channel into the preset.
   The radio automatically returns to the normal mode if no key is pressed within 5 seconds.

Receiving a stored channel

• Press either Disc/Preset button to select the preset channel you want to listen to.

• Press the Shuffle (SHUF) button, then press the Disc/Preset (DISC +) button to select the preset channel and then press the SEEK + or SEEK - button to start.

Displaying the XM Radio ID

1. During XM Satellite Radio reception, press the Seek button to select “CHANNEL 1.”

2. Press the “Seek” (down) button.
   “RADIO ID” is indicated for 2 seconds
   and the XM Radio ID number is indicated for 10 seconds.
   These indications will be displayed alternately.

   To cancel the XM Radio ID display, press the Seek button to select a channel.

Additional Information
Specifications

| Frequency | 232.5 - 2345 MHz |
| Power requirements | 12 V DC, car battery negative ground |
| Outputs | BUS control output, Audio output |
| Inputs | Antenna input (Satellite, Terrestrial) |
| Dimensions | 224 x 37 x 160 mm (8.8” x 1.5” x 6.3” in) |
| Mass | Approx. 3.0 kg |
| Supplied accessories | Parts for installation (2, 4) |

Design and specifications are subject to change without notice.

Troubleshooting
Should any problem persist after you have made the following checks, consult your nearest Sony dealer. Consult XM if you have any questions or problem concerning the broadcast service of the XM Satellite radio.
The information on the display cannot be changed during XM Satellite Radio reception.

1. Refer to “Caution” in “Getting Started.”

2. Adjust the volume control of the master unit.
3. Cancel the attenuate function of the master unit.
4. The connecting cords are not connected properly.

The sound is hampered by noises. Locate cords and cables such as an antenna code, a BUS cable, an RCA pin code, or a cable as they do not interfere each other.

The channels cannot be received.
Check the connection of the receiver and the antenna.

Advisory Message
When a problem occurs with the receiver, an error message will be indicated on the display of the master unit.

ANTENNA
The antenna is not connected properly.
→ Check the connection of the receiver and the antenna.

UPDATG
You have not subscribed to XM, or the channel is not authorized.
→ You need to subscribe to XM.

NO SIGNAL
XM signal is too weak.
→ Move to another area where your system can receive the signal.

OFF AIR
The channel is not broadcasted now.
→ Select another channel.

LOADING
The receiver is reading the channel information.
→ Wait until the receiver completes receiving the information.

* • • • or “CH” • • •
The channel to be tuned-in is void due to the change by the broadcast service, or the receiving condition is not good.
There is no text information or time information in the channel. This is not an error.
### Installation

#### Parts list

The numbers in the list are keyed to those in the instructions.

- [Image of parts list]

#### Precautions

- Choose the mounting location carefully, observing the following:
  - The unit is not subject to temperatures exceeding 55°C (131°F) (such as in a car parked in direct sunlight).
  - The unit is not subject to direct sunlight.
  - The unit is not near heat sources (such as heaters).
  - The unit is not exposed to rain or moisture.
  - The unit is not exposed to excessive dust or dirt.
  - The unit is not subject to excessive vibration.
  - The fuel tank should not be damaged by the tapping screws.
  - There should be no wire harnesses or pipes under the place where you are going to install the unit.
  - The spare tire, tools or other equipment in or under the trunk should not be interfered with or damaged by the screws or the unit itself.
- Be sure to use only the supplied mounting hardware for a safe and secure installation.
- Use only the supplied screws.

#### Installing the unit

- Mount the unit either inside the trunk or under a seat.
- Choose the mounting location carefully so the unit will not interfere with the normal movements of the driver and it will not be exposed to direct sunlight or hot air from the heater.
- Do not install the unit under the floor carpet, where the heat dissipation from the unit will be considerably impaired.

First, place the unit where you plan to install it, and mark the positions of the four screw holes on the mounting surface.

**Screw hole:** ø3.3 mm (5/32 in.)

- Use only the supplied screws.
- Be sure not to damage the fuel tank or brake line with the tapping screws.

#### Notes

- Use only the supplied screws.
- Use a fuse with the specified ampere rating. Use of a higher ampere fuse may cause serious damage.

#### Fuse replacement

If the fuse blows, check the power connection and replace the fuse. If the fuse blows again after replacement, there may be an internal malfunction.

#### Warning

- Use a fuse with the specified ampere rating.
- Use of a higher ampere fuse may cause serious damage.

### Connection

#### Connection example

- **XM Antenna**
- **Sony BUS Compatible Car Audio**
- **XT-XM1**
- **CD/MD changer**

#### Connection diagram

- **XM antenna** (not supplied)
- **Sony BUS Compatible Car Audio** (not supplied)
- **CD/MD changer** (not supplied)
- **XM Antenna**
- **Sony BUS Compatible Car Audio**
- **XT-XM1**
- **CD/MD changer**
- **Fuse (3 A)**
- **Yellow**
- **Black**
- **RCA pin cord** (not supplied)
- **BUS cable** (not supplied)
- **XM antenna** (not supplied)

**Connect**

- **XM Antenna**
- **XM Satellite receiver**, aligning the marks.

**Connect with BUS cable to**

- **XM Satellite receiver**, aligning the marks.

**Note**

- When you use an optional BUS cable, note that a BUS cable with an 8-pin plug (L-type) cannot be used because of its shape.

**Connect as the connector hook facing down**

**To a +12 V power terminal which is energized at all times**

- Be sure to connect the black ground lead to it first.

**To a metal point on the car**

- First connect the black ground lead, then connect the yellow power input leads.

**Note**

- Locate the power cord and the RCA pin cord as far away as possible.

- Be sure to use only the supplied mounting hardware.