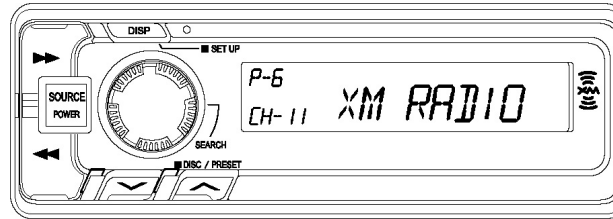


# OPERATING INSTRUCTIONS

## XM RADIO



**P/N 08A15-1E1-000**

# HONDA

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**Please write the serial number and the XM ID number from the bottom of the tuner in the space below for your records.**

**Serial No.:** \_\_\_\_\_

**XM ID No.:** \_\_\_\_\_

## How the service works



The XM service is based on two satellites that have fixed positions over the equator. One satellite for the east coast of the United States and the other for the west coast. The two satellites continuously broadcast radio signals throughout the continental United States.

The XM service also uses ground-based antennas that broadcast into areas that may be obstructed from satellite radio signal. Not all areas that are obstructed have ground based antennas as a backup signal. XM radio makes every effort to minimize the areas that do not receive radio signal.

Visit XM Satellite radio at [www.xmradio.com](http://www.xmradio.com) or call 1-887-XMRADIO for more information.

Note: Service activation and antenna is necessary to receive XM Satellite radio transmission

## Locations where satellite signals are received easily



Satellite signals are received best in the areas where there are no tall buildings, trees or tall objects that can obstruct the signals.

## Satellite radio signals may not be received in areas listed below.

There may be ground-based coverage in some of these areas that will provide uninterrupted service of satellite radio. The XM radio will not operate only when there is no signal from both satellite and ground-based antennas.



In tunnels and indoor parking lots



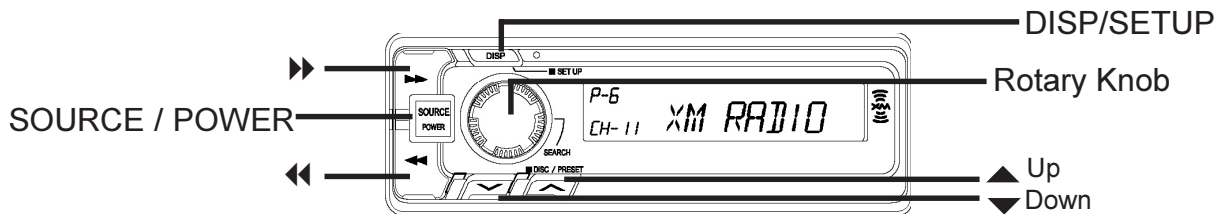
Locations surrounded by tall buildings



Locations surrounded by tall trees

## **Sound in your car**

The signal is broadcast in a digital format so that if you do run into a situation where both the satellite antenna and the ground-based antenna lose the signal the sound will drop off completely. This condition would result in no static and may sound as though the unit were shut off. As soon as the obstruction is cleared or a ground-based signal is re-established the sound will come back on. If you do experience a loss of signal, check the display module to make sure it is powered on and check the display for NO SIGNAL. Refer to page 15 of this manual for a display of messages.



## Initial Setup

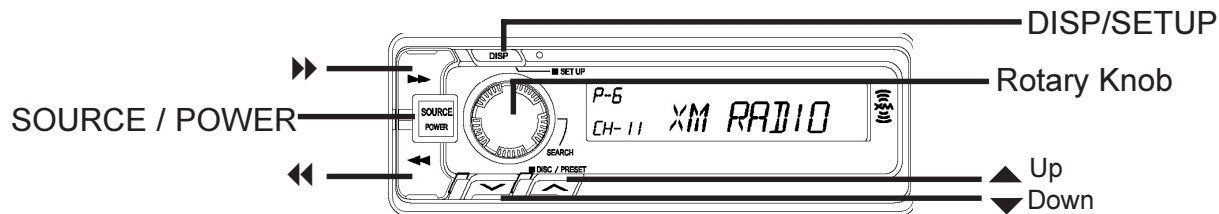
### Turning power on and off

1. Press the SOURCE POWER button to turn the unit on.

*NOTE: The unit can be turned on by pressing any of the buttons of the display module.*

2. Press and hold the SOURCE POWER button for 2 seconds or more to turn the unit off.

*NOTE: When turning the unit on and off with the POWER button. Be sure to lower the volume level of the vehicle's radio when turning the unit on and off with the POWER button. This will prevent any electrical popping noises being transmitted from the unit.*

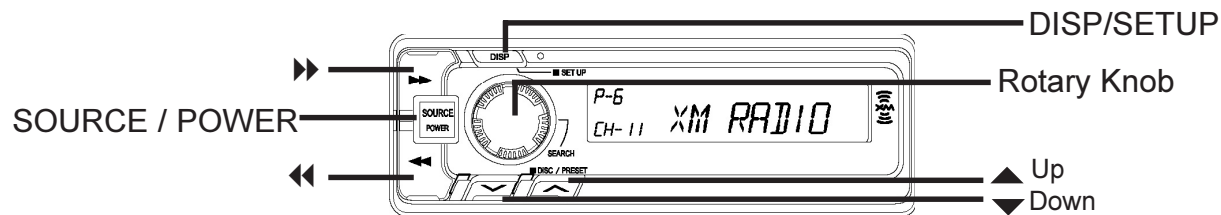


## Initial Setup

### Modulator frequency setting

1. Press and hold the DISP SETUP for 2 seconds or more.
2. Turn the rotary encoder or press the ▼ or ▲ button to select the frequency setting mode (displays the frequency of the desired modulation station).
3. Press the ◀◀ or ▶▶ button to set the frequency.
4. The frequency is varied by 200kHz (0.2MHz) steps from 87.7 to 89.9 MHz.
5. Press the DISP SETUP button to return to normal mode.

**Note:** In order to resume normal AM and FM radio reception, turn the power of the XM radio display module off. Press and hold the SOURCE POWER button for 2 seconds or more



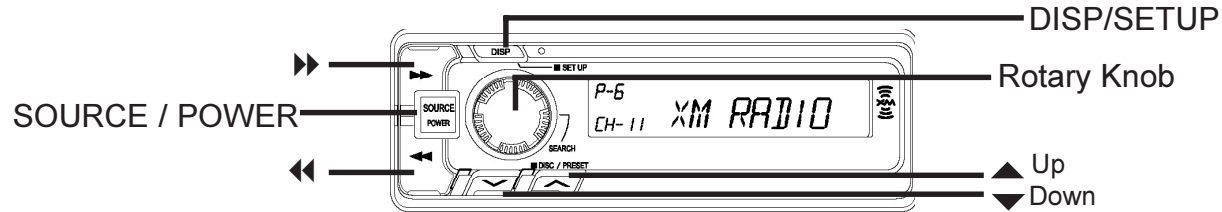
## Initial Setup

### XM level setting (XM output level)

When your XM receiver is connected to the factory installed radio, this feature will allow the user to choose between 4 levels of output (XM level 1 to 4) to better match the output level of the Honda/ Acura radio.

1. Press and hold the DISP/SETUP button for 2 seconds or more.
2. Turn the rotary encoder or press the ▼ or ▲ button to select the XM LEV.
3. Press the ◀ or ▶ button to set the desired volume level. (XM LEV 1 - XM LEV 4)  
Level 3 or 4 is recommended.
4. Press DISP/SETUP button to return to normal operation mode.



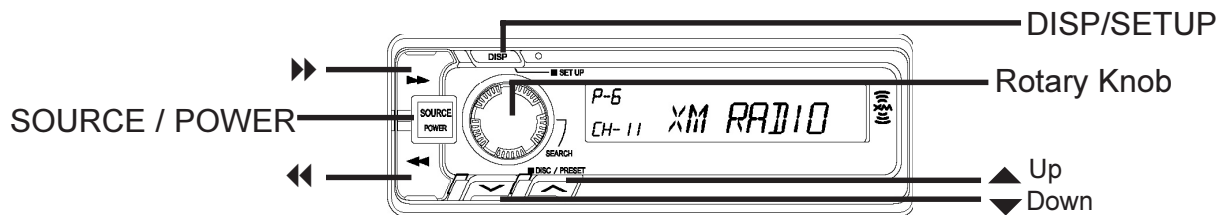


## Initial Setup

### Scrolling feature

This feature allows the broadcast text information such as artist, song title and station information to move continuously across the screen. This is the default setting however this feature can be disabled if the user prefers no scrolling. Below shows how to disable or enable this feature.

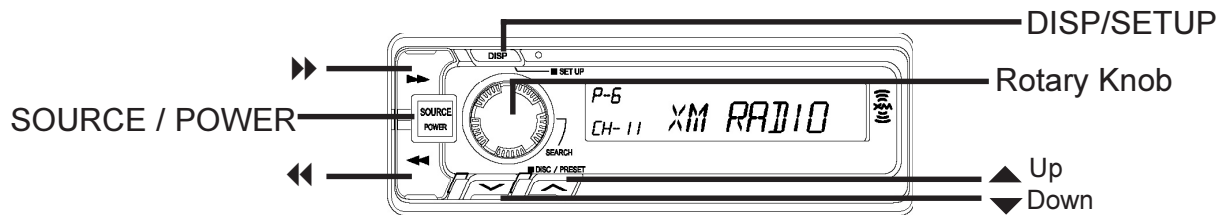
1. Press and hold the SETUP button for 2 seconds or more.
2. Turn the rotary encoder or press the ▼ or ▲ button to select the SCR.
3. Press the ◀ or ▶ button to set this feature (ON or OFF)
4. Press setup button to return to normal operation mode.



## Operation

### Receiving XM channels with the XM receiver

1. Turn the vehicle's radio on to FM and tune to the XM radio's modulator frequency (between 88.7 to 89.9). Refer to page 7 for how to set XM radio's modulator frequency.
2. Press the POWER button of the display module to turn the XM radio on.
3. Turn the rotary knob to display the desired channel. Pressing and holding down the **◀◀** or **▶▶** button on the display will change channels continuously.



## Operation

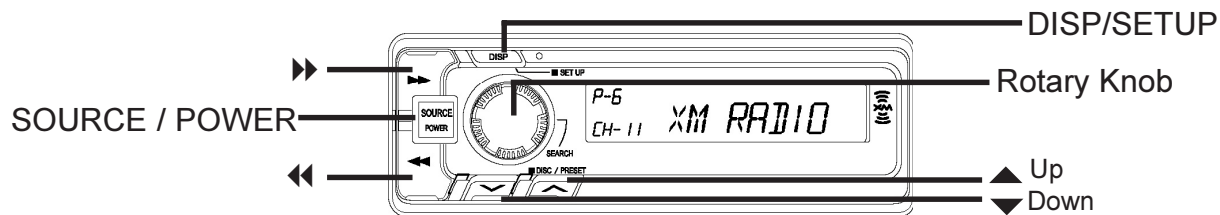
### Storing XM channel presets

1. After tuning in the desired channel, press and hold the rotary knob for 2 seconds or more until the channel name on the display blinks.
2. Turn the rotary knob to select the preset number you want to store.
3. Press the rotary knob within 5 seconds once when the correct preset number is displayed.
4. Repeat the procedure to store up to five additional channels.

Note: If you store a channel in a preset memory, which already has a station, the current channel will be cleared and replaced with the new one.

### Receiving stored XM channels

1. Press the ▼ or ▲ button to access the desired satellite channel in the memory.



## Operation

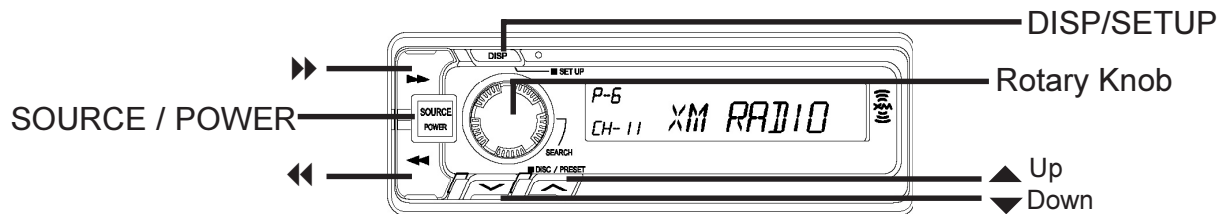
### Category search

Category search functionally allows you to search for a specific channel by the category of programming it offers, or to surf within a category.

1. Momentarily press the rotary knob to display the category of the channel that is currently selected.
2. While the category is displayed, turn the rotary knob to select a different category.

*Note: You can also press the ◀ or ▶ button to select a category*

3. Within 5 seconds of selecting the category, press the rotary knob to select the next channel within that category. Repeatedly press the rotary knob within 5 seconds to select additional channels within that category.

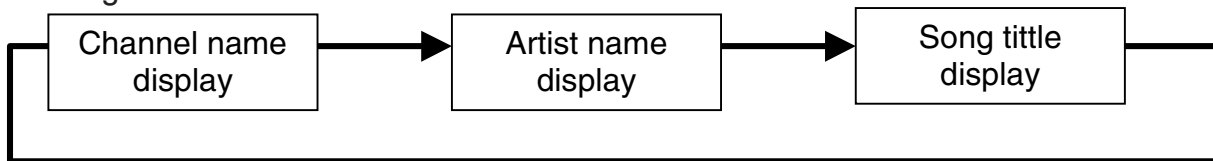


## Operation

### Changing the display

Text information, such as the channel name, artist name/feature, and song/program title, is available with each XM channel. This unit can display this text information as explained below

1. Press the DISP SETUP button. Each time you press the button, the display changes as shown below.



# Troubleshooting Guide

If you encounter a problem, please review the items listed below. This guide will help you to isolate the problem. Make sure the rest of your system is operating properly. If necessary consult your local authorized Honda dealer.

<b>SYMPTOM</b>	<b>CAUSE</b>	<b>SOLUTION</b>
XM radio will not operate.	Ignition switch is in the off position.	Turn Ignition to the on position.
	Power to XM radio is not turned on.	Turn the XM radio on.
	Possible blown fuse.	Contact your Honda dealer.
The XM radio appears to be on, but there is no sound from the speakers.	Vehicle's radio volume is set too low	Raise radio volume level.
	Vehicle's radio not tuned to correct frequency.	Check radio make sure the vehicle's radio is set correctly.
	The antenna may not be connected.	Contact your Honda dealer.
Big difference in sound level between car audio system and XM radio.	XM radio needs Level adjustment.	Refer to page 8 in manual.
Poor or no reception for XM.	The antenna may not be connected.	Contact your Honda dealer.

# Display Information

## Display messages for XM radio operation

### ANTENNA

- The XM antenna is not connected to the XM radio module
    - Check whether the XM antenna cable is attached securely to the XM radio module.
- 

### UPDATING

- XM radio is being updated with the latest encryption code.
    - Wait until encryption code is fully updated. Channel 0 and 1 should function normally.
- 

### NO SIGNAL

- XM signal is too weak at the current location.
    - Wait until the car reaches a location with stronger signal.
-

# Display Information

## Display messages for XM radio operation

---

LOADING

- XM radio is acquiring audio or program information
    - Wait until the radio has received the information
- 

OFF AIR

- The channel currently selected has stopped broadcasting.
    - Select another channel.
- 

- - - -

- The user selected a channel number that does not exist or is not subscribed to.
    - The unit will revert back to the previously selected channel.
  - No artist or title information associated with the channel at this time.
    - No action required
-



# SPECIFICATIONS

## RF MODULATOR UNIT

RF Output Frequency (selectable)	87.7-89.9 MHz
RF Output Voltage	70 dB $\mu$ V
RF Modulator input Sensitivity/Impedance	500mV/10 k Ohms
Recommended Operating voltage	13.4 Vdc
Recommended Temperature range	14°F– 140F° (-10°C -+60°C)

## DISPLAY MODULE

Width	113 mm (4-7/16")
Height	39.5mm (1-9/16")
Depth	19 mm (25/32")
Weight	0.20 kg (7 oz)

## FM MODULATOR

Width	130 mm (5-1/8")
Height	35 mm (1-3/8")
Depth	74 mm (2-15/16")
Weight	0.38 kg (13.4 oz)

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**HONDA**

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