Directed

E L E C T R O N I C S

HON-SC1

Honda/Acura
SIRIUS Interface

Installation Guide

SIRIUS
connect

Directed
ELECTRONICS

FCC NOTICE:

This device complies with Part 15 of FCC rules. Operation is subject to the following 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. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

Directed Electronics is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the User's authority to operate the equipment.

Table of Contents

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Warning and Safety Information

⚠ **Warning**

Please read these instructions carefully before proceeding. Failure to heed them can result in serious injury or death. DO NOT OPERATE EQUIPMENT UNDER ANY CIRCUMSTANCES THAT IMPAIRS YOUR ABILITY TO DRIVE OR OPERATE YOUR VEHICLE SAFELY.

Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

- DO NOT OPEN, DISASSEMBLE OR ALTER THE UNIT IN ANY WAY. Doing so may result in fire, electric shock or product damage.
- DO NOT INSERT ANY OBJECTS INTO THE UNIT. Doing so may result in fire, electric shock or product damage.
- USE THE CORRECT CURRENT (AMPERAGE) RATING WHEN REPLACING FUSE. Failure to do so may result in fire, electric shock or product damage.
- MAKE THE CORRECT CONNECTIONS. Failure to make proper connections may result in fire or product damage.
- DO NOT SPLICE INTO ELECTRICAL CABLES. Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock.
- DO NOT INSTALL IN LOCATIONS THAT MIGHT HINDER VEHICLE OPERATION. Doing so may obstruct vision or hamper movement which can result in a serious accident. If you are attaching the unit directly to the vehicle's chassis, be sure that you check to make sure the area behind the unit is clear from moving parts, fuel or break lines, wire harnesses or any other items which may get damaged by drilling a mounting hole or using the supplied screws.
- DO NOT EXPOSE THE UNIT TO HIGH LEVELS OF HUMIDITY, MOISTURE OR DUST. Doing so can result in electric shock or product failure.

4

Warning and Safety Information

⚠ **Caution**

Please read these instructions carefully before proceeding. Failure to follow these safety instructions and warnings may result in a serious accident and/or personal injury.
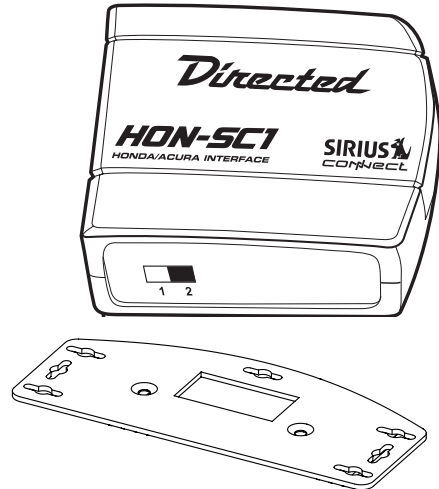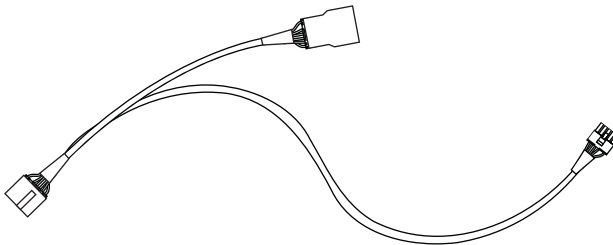
- HALT USE IMMEDIATELY IF A PROBLEM ARISES. Failure to do so may cause personal injury or damage to the product. Return the unit to your authorized retailer or nearest service center for repairing..
- ENSURE THE WIRING UPON INSTALLATION IS NOT CRIMPED OR PINCHED BY SCREWS OR SHARP METAL EDGES. Route the cables away from moving parts or sharp pointed edges. This will prevent crimping and damage to the wiring. If the wiring must pass through a metal hole, be sure to use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.
- USE ONLY THE SPECIFIED PARTS AND INSTALL THE PRODUCT SECURELY. Be sure to use only the specified accessory parts. Use of nonspecified parts may damage this unit internally or may not securely install the unit in place. This may cause parts to become loose, resulting in hazards or product failure.
- USE CAUTION IF or WHEN DISCONNECTING THE BATTERY TERMINAL. Please consult the vehicle's owner's manual or a service technician prior to removing the battery positive or ground connection, as it may cause damage to the vehicle's electrical system or require reprogramming of the vehicle's computer-controlled devices.

Congratulations

Congratulations on the Purchase of your new HON-SC1 SiriusConnect interface! Your HON-SC1 is designed to be compatible with select vehicles that support Satellite Radio operation (requires additional purchase of & connection to a SiriusConnect tuner or dock). Your translator is designed to replace the factory XM satellite tuner in your Honda or Acura vehicle. It is also compatible with systems that do not have the factory satellite tuner installed. For the latest information about this and other SIRIUS products and accessories, visit http://www.directedsirius.com.

Package Contents

1 HON-SC1 interface module
1 Honda/Acura interface cable
1 Mounting bracket w/screws
This guide

Compatibility

The HON-SC1 is designed to be compatible with select Honda/Acura vehicles. Please consult table for compatibility listing.

Compatible Headunit Types:
- CD only Headunits*
- CD + Cassette Headunits*
- 6-CD changer Headunits*
- Touch Screen Monitor Headunits
- Non-Touch Screen Monitor Headunits

***Note:** Radio must have a "SAT" or "XM" button to access SIRIUS audio modes.

In addition, the HON-SC1 is compatible with most additional factory audio accessories that might be included, such as:
- Rear Seat Audio Control Center
- Rear Seat Entertainment (DVD/Monitor) System
- Heads up display (HUD)
- Steering wheel controls

Note: Kit not recommended for vehicles with Technology Package (Please see Acura's website for details). The HON-SC1 is not compatible with the factory satellite radio antenna that might be installed in the vehicle. For best operation you must install a SIRIUS compatible antenna as supplied with the compatible SIRIUS Satellite Radio tuner.

List of compatible vehicle/radio types (radios must have SAT/XM button):

MAKE	MODEL	YEAR
Honda	Accord	2003+ w/Navigation
Honda	Accord	2004+ EX-L, EX-V6
Honda	Accord	2005+ Hybrid
Honda	Accord	2007+ Sedan. EX LX-V6
Honda	Civic	2006+ EX, Si, Nav
Honda	CR-V	2005+ EX, SE
Honda	CR-V	2007+ EX-L, Nav
Honda	Element	2005+ EX
Honda	Element	2007+ SC
Honda	Odyssey	2005+ EX, EX-L, EX-L Nav
Honda	Pilot	2006+ EX, EX-L Nav
Honda	Ridgeline	2006+ RT, RTS, RTL, Nav
Honda	Ridgeline	2007+ RTX
Honda	S2000	2005+ w/Optional XM compatible radio only

Acura	3.5RL	2004+ w/Navigation
Acura	MDX	2005+, Premium, Touring, Nav
Acura	RL	2005+ All
Acura	RDX	2007+ All
Acura	TL	2004+ All
Acura	TSX	2005+ All

Features
The HON-SC1 is designed to emulate many of the factory SDAR (Satellite Digital Audio Radio) commands found in your vehicle.

- Channel Tune (Up and Down)
- Fast Tune (Up and Down)
- Category Search (Up and Down)
- Category Tune (Tune within a category)
- 12 presets (6 for each band)
- Preset Scan (UP)

Note about features listed: Each Honda/Acura radio type operates differently, so consult the vehicle owners manual for proper operation methods.

Headunit Display Capability
When the HON-SC1 is installed, the following information can be displayed on the headunit display.

- Channel Number
- Channel Name
- Category Name
- Artist Name
- Song Title Name

Note: Number of characters displayed in fields varies by headunit type (8 ~16 Characters).

Text Scrolling Configuration
Text Scrolling and/or Paging can be enabled or disabled during installation of the HON-SC1. Enabling scrolling will allow radio types with limited displays to show complete text strings for artist name or song title. Text scrolling should be disabled for radios with large displays where it isn't needed. The unit is set for text scrolling enabled at the factory.

Note: Some Honda/Acura headunits will display "XM1" or "XM2" as the display source. This information is hard coded in the headunit design and can not be changed.

Dip Switch Settings
Two dip switches located on the side panel are used to con-

figure the unit for correct display to match your headunit. Labeled **1** and **2** for text scroll and display length settings respectively. Text display switch configuration:

Scroll   Length/Text

Off   16 characters
On   11 characters

1   2
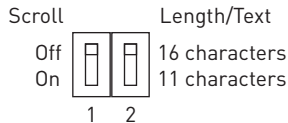
1. Set dip switch **1** to Scroll ON/ Scroll OFF as follows:
   a) Radios with media or navigation displays: OFF (up position)
   b) Radios with 11 or 16 character display only set to ON (down position). In many radios, the display refresh rate is too slow to support smooth text scrolling. For this reason the default setting for switch 1 is Scroll OFF (up). If your radio supports text scrolling, set switch 1 to ON (down).
2. Set dip switch **2** to the up position for the 16 character setting or to the down position for the 11 character position in order to match the display of your specific radio.

Note: The default settings from the factory are "scroll off" and "16 character".In order for text display configuration switch settings to take effect, you must disconnect power to the HON-SC1 module then reconnect and turn ignition on again.

Installation

Directed Electronics recommends that you have this product professionally installed. It is recommended that prior to starting the installation, you thoroughly read this manual and follow the guidelines listed below:

Some installations may use the factory satellite radio tuner location. If you are using this location, please follow the factory instructions for installing the HON-SC1 in your vehicle. If you are not using this location, please read the following installation guidelines.

Consider the mounting location carefully. You should make sure that you avoid the following:
• Any location where the unit is exposed to moisture.
• Any location where the unit is exposed to extreme heat.
• Any location that would interfere with moving parts on the vehicle or hamper driving.

Mounting the HON-SC1 Interface: Be sure that you find a location that is flat and has clearance above the unit to prevent any damage as well as allow for ventilation.

Do not install the HON-SC1 under the carpet or in a small enclosed area without proper ventilation. Doing so can result in damage to the tuner or the vehicle.

Use the supplied screws to securely fasten the unit.

Note: Refer to SCC1 or SC-VDOC1 manuals for additional installation instructions needed to complete the system.
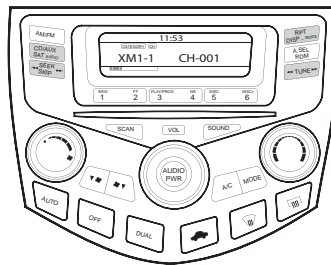
Connections: When using SIRIUS Universal Vehicle Tuner.

Note: You must cycle ACC power in the vehicle on & off once before radio will recognize the SIRIUS tuner interface.

1 For cars equipped with XM, locate tuner, disconnect it and connect factory cable to the HON-SC1 interface using the supplied cable, provided the connectors match.

2 For vehicles not equipped with XM, remove radio and connect the supplied cable to the rear of the radio.

3 If the radio already has a harness connected to the satellite plug, remove it and plug in the supplied harness. Reconnect the factory harness to the extra plug on the supplied harness.

Note: XM tuner must <u>always</u> be disconnected for proper operation.

Connects to rear of factory radio, may connect to bottom of radio in some vehicles

Connects to factory XM/Satellite harness if applicable

11

Connections: When using SIRIUS SC-VD0C1.

Connects to rear of factory radio, may
connect to bottom of radio in some vehicles

Connects to factory XM/Satellite harness if applicable

SC-VD0C1 (Detail)   To HON-SC1

SIRIUS Antenna
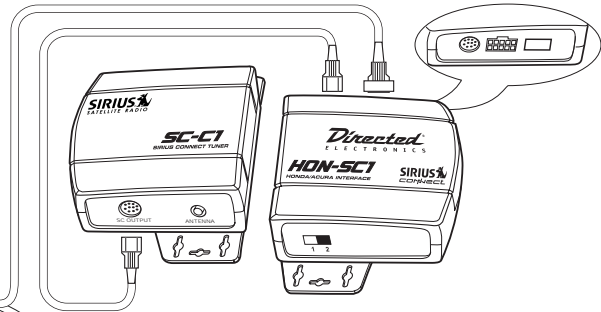
Mounting Instructions

Mounting HON-SC1 Bracket Assembly

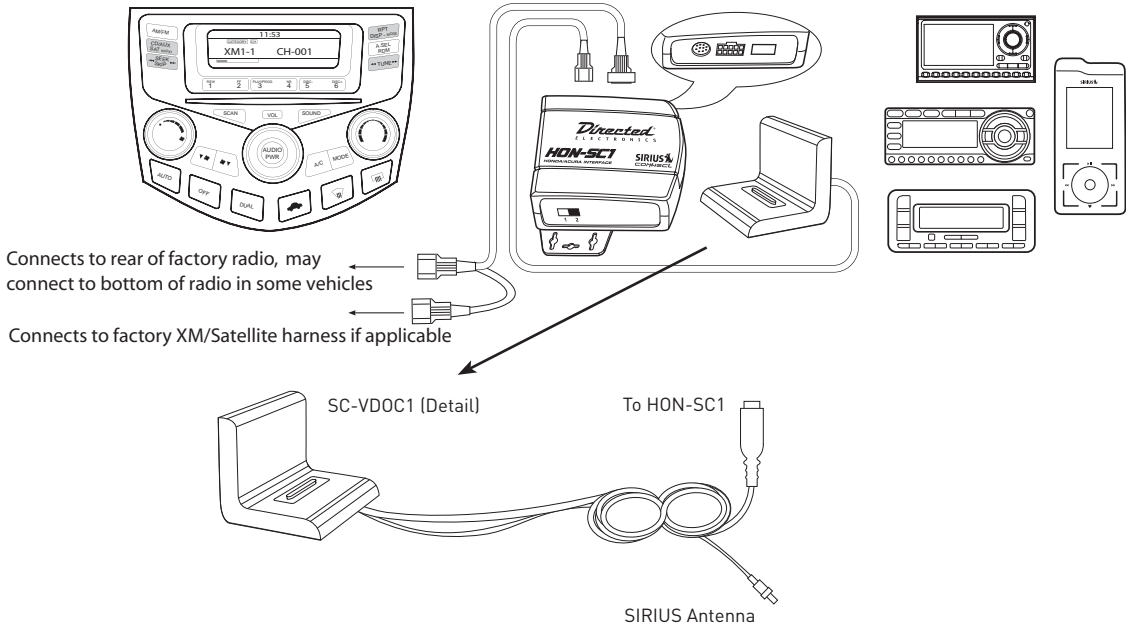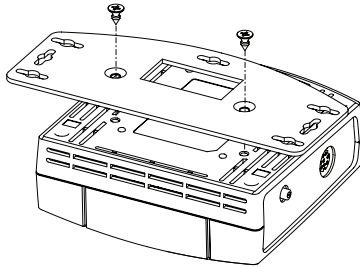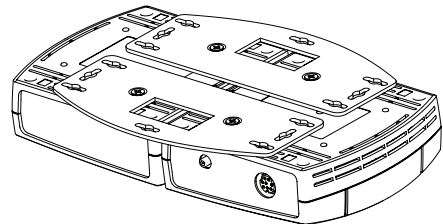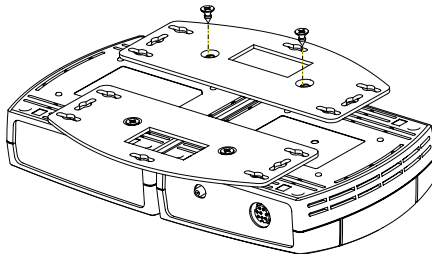Mounting HON-SC1 with SIRIUS SCC1 Bracket Assembly

Activating Your Installed SIRIUS Tuner

For systems using the permanently installed SCC1 Sirius-Connect Vehicle Tuner, you must activate the tuner before you can begin to receive the SIRIUS Satellite Radio Service. In order to activate your radio subscription, you will need the SIRIUS ID (SID) which uniquely identifies your tuner. The SID can be found on a sticker located on the SCC1 packaging, or on the bottom of the SCC1 itself. When you have located the SID, write it down in the space provided near the end of this manual and store it for future reference.

The SID can also be recalled from your Sirius-Ready Honda or Acura radio. Most units will display the SID on Channel 0. Please consult your vehicle owner's manual or radio user guide for specific details about satellite radio operation.

Power on your system and make sure that you are receiving good signal and that you are able to hear audio on the SIRIUS Preview channel (Ch-184).

Have your credit card handy and contact SIRIUS on the internet at https://activate.sirius.radio.com/ and follow the prompts to activate your subscription. You can also call SIRIUS toll-free at 1-888-539-SIRIUS (1-888-539-7474). Once activated, you will be able to begin enjoying SIRIUS Satellite Radio's digital entertainment and can tune to other channels.

Activating Your Dock & Play or Portable SIRIUS Radio

For systems using a Dock & Play or Portable SIRIUS radio with the SiriusConnect Vehicle Dock, you must activate the radio before you can begin to receive the SIRIUS Satellite Radio Service. You can use the directions provided with the radio for activation, or follow the directions above for activation while the radio is docked in the SiriusConnect Vehicle Dock attached to your factory audio system.

14

Operating the system

SAT radio selection
Press the SAT button to access the Sirius interface. On some radios this button may be labeled as XM or CD/SAT. Pressing this button repeatedly will cycle through sources.

Operation
Use the category control buttons to change a category, if desired.
Use the channel control buttons to change channels. Consecutive presses engage the channel browse mode allowing preview of a channel without tuning. Once the tune button is disengaged channel selection takes place.
Press and hold one of the preset buttons until a beep is heard to save a preset.
To listen to a preset station simply press the desired preset button.
When CATEGORY tune mode is selected the button will cycle through channels only within the current category. The SCAN button previews a station for a few seconds before changing channel to another. Once the desired station is reached press the SCAN again.

Advisory message
˝No tuner˝ - displayed when connection to Sirius tuner or Sirius dock is bad, no tuner is connected or if vehicle ACC power is not cycled once after connecting the interface.
˝Connecting˝ - displayed during the initialization of the Sirius tuner.
˝Antenna Error˝ - displayed when the antenna connection is not detected.
˝Acquiring Signal˝ - displayed while acquiring digital audio stream or when the received signal drops below minimum required for tuner to operate.
˝Unsubsc. Channel˝ - displayed when the selected channel is no longer subscribed
˝Subscrip. Updated˝ - displayed when a subscription update received
˝Invalid Channel˝ - indicates that a program became unavailable after an update
˝Updating XX/100˝ - indicates Sirius channel map update in progress
˝Firmware Update˝ - indicates an over the air firmware update of the tuner
˝Radio id˝ - on CH000 - shows the Sirius ESN needed for subscription services
The 12 digit Sirius ID is shown alternating: the first 6 digit is followed by a ˝-˝, the last 6 digit is preceded by a ˝-˝

Portable receivers
You may connect or disconnect portable receivers at any time. Upon connection the ˝docked portable ˝ message will replace the ˝No tuner˝ followed by ˝Acquiring Signal˝ before content becomes available.

Examples of typical Honda factory units, please also refer to your specific radio owner's guide.

Bank and present indicator

Tune mode indicator

Channel and text indicator

Sat mode, bank selector

Text selector.
Hold for 10sec to toggle channel or category tune modes.

Category Control

Channel control

Toggles Scan mode

Preset 1-6.
Hold until beep to save to a preset.

AM/FM

CD/AUX
SAT RADIO

SEEK
SKIP

11:53

CATEGORY   CH

XM-1   CH-001

RPT
DISP - MODE

A.SEL
RDM

TUNE

REW   FF   PLAY/PROG   NR   DISC-   DISC+
1   2   3   4   5   6

SCAN   VOL   SOUND

AUDIO
PWR

A/C   MODE

AUTO

OFF

DUAL

16

Tune mode indicator

Bank and present indicator

Channel and text Indicator fields

XM1-1

VOL

CH

CHANNEL : 001 - HITS1
CATEGORY : POP
NAME : MUSIC NAME
TITLE : MUSIC TITLE

| 1 001 CH | 2 014 CH | 3 018 CH |
| 4 040 CH | 5 065 CH | 6 115 CH |

MODE   SCAN   SOUND

AUTO
MODE

AUTO
MODE

A/C

OFF

DUAL

♣∧

♣∨

Preset 1-6. Press until beep to save to a preset.

Toggles between channel and category modes

Toggles Scan mode

Sat mode and bank selector

MAP/ GUIDE MENU SETUP INFO ZOOM CANCEL AUDIO

LOAD

VOL PUSH PWR DISC TAPE AM/FM DISP MODE TUNE PUSH SOUND

SCAN   RPT   A.SEL/RDM   - SEEK +

◄◄ 1 ◄► 2 ►► 3 4 DISC- 5 DISC+ 6

Upper display text mode selector

Channel control

Category Control

17

Directed
E L E C T R O N I C S

Troubleshooting guide:

PROBLEM	PROBABLE SOLUTIONS
No tuner	Check for loose connections. Check that connector alignment/orientation is correct. Check that cables are not pinched or damaged. Check that fuse is not blown. Check that the factory XM module has been disconnected. Check for incorrect connections, some vehicles may have similar aftermarket modules installed that utilize the same type of connector.
SL100/ SL2 does not enter SIRIUS connect mode	Check SIRIUS website for the most recent firmware updates.
Antenna Error	Check that antenna is connected Location (line of sight blocked) may not be conducive to good signal
Abbreviated/Truncated Text	Character length varies on different display units, as a result some prompts such as "Acquiring Signal" may appear as "Acquiring S" or "Acquiring ", Antenna Error" may appear as "Antenna Err", "Firmware Update" may appear as "Firmware Up" etc.
Locked/Skipped Channel	This interface module does not support clearing locked or skipped channels

Note: When Channel Number is displayed, updates and error messages are hidden from view. The user must exit this mode by using the toggle text "DIsp/Mode" switch to view messages.

Limited One Year Consumer Warranty

Directed Electronics (herein "DIRECTED") promises to the original purchaser, to replace this product should it prove to be defective in workmanship or material under normal use, for a period of one-year from the date of purchase from the dealer as indicated by the date code marking of the product. During this one-year period, there will be no charge for this replacement PROVIDED the unit is returned to DIRECTED, shipping pre-paid. This warranty is non-transferable and does not apply to any unit that has been modified or used in a manner contrary to its intended purpose, and does not cover damage to the unit caused by installation or removal of the unit. This warranty is void if the product has been damaged by accident or unreasonable use, neglect, improper service or other causes not arising out of defects in materials or construction. ALL WARRANTIES, INCLUDING BUT NOT LIMITED TO EXPRESS WARRANTY, IMPLIED WARRANTY, WARRANTY OF MERCHANT-ABILITY, FITNESS FOR PARTICULAR PURPOSE, AND WARRANTY OF NONINFRINGEMENT OF INTELLECTUAL PROPERTY ARE EXPRESSLY EXCLUDED TO THE MAXIMUM EXTENT ALLOWED BY LAW, AND DIRECTED NEITHER ASSUMES NOR AU-THORIZES ANY PERSON TO ASSUME FOR IT ANY LIABILITY IN CONNECTION WITH THE SALE OF THE PRODUCT. DIRECTED HAS ABSOLUTELY NO LIABILITY FOR ANY AND ALL ACTS OF THIRD PARTIES INCLUDING ITS AUTHORIZED DEALERS OR INSTALLERS. IN NO EVENT WILL DIRECTED BE LIABLE FOR ANY INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES (INCLUDING LOSS OF PROFITS) AND IN NO EVENT, SHALL DIRECTED'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Unit must be returned to DIRECTED, postage prepaid, with bill of sale or other dated proof of purchase bearing the following information: consumer's name, telephone number, and address, authorized dealer's name and address, and product description. Note: This warranty does not cover labor costs for the removal and reinstallation of the unit. IN ORDER FOR THIS WARRANTY TO BE VALID, YOUR UNIT MUST BE SHIPPED WITH PROOF OF PURCHASE FROM AN AUTHORIZED DIRECTED DEALER. BY PURCHASING THIS PRODUCT, THE CON-SUMER AGREES AND CONSENTS THAT ALL DISPUTES BETWEEN THE CONSUMER AND DIRECTED SHALL BE RESOLVED IN ACCORDANCE WITH CALIFORNIA LAWS IN SAN DIEGO COUNTY, CALIFORNIA.   920 0031 10-06

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HON-SC1 2007-09
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