

# USA·SPEC BT45-HON3



HandsFree  
Phone Call



Wireless Media  
Streaming



USB  
Charging



All Speaker  
Playback



3.5 mm  
AUX Input

## Bluetooth® Music & Phone Interface for Acura & Honda

### Features:

- Android, Apple, Blackberry, & Windows compatible.
- Plug & Play installation and seamless integration with OEM entertainment systems.
- Automatically mutes radio with easy one-button operation to answer/end or reject phone calls.
- Incoming caller number announcement & display on supported radios
- Built in noise cancellation for crystal clear call quality
- Full & rich audio quality for media streaming with music info display on supported radios.

|                                 |         |                  |                      |
|---------------------------------|---------|------------------|----------------------|
| Element (double din radio only) | 03 - 11 | RL (Non-Nav)     | 05 - 09              |
| Accord                          | 03 - 12 | RL (Nav)         | 05 - 09 USE BT45-ACU |
| Accord Hybrid                   | 05 - 12 | TL (All Radios)  | 04 - 06              |
| Civic                           | 06 - 12 | TL (Non-Nav)     | 07 - 08              |
| CRV                             | 05 - 11 | TL (Nav)         | 07 - 08 USE BT45-ACU |
| CRZ                             | 10 - 12 | MDX (Non-Nav)    | 05 - 12              |
| Fit                             | 07 - 13 | MDX (Nav)        | 07 - 09 USE BT45-ACU |
| Insight                         | 10 - 12 | MDX (Nav)        | 05 - 06              |
| Odyssey                         | 05 - 12 | TSX (All Radios) | 04 - 08              |
| Pilot                           | 06 - 12 | RDX (Non-Nav)    | 07 - 09              |
| Ridgeline                       | 06 - 14 | RDX (Nav)        | 07 - 09 USE BT45-ACU |
| S2000                           | 04 - 09 |                  |                      |

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# USA·SPEC

## BT45-HON3 ACURA & HONDA

the newly engineered innovative  
Bluetooth® music & phone interface

## Product Manual

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City of Industry, CA 91746

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## PRODUCT OVERVIEW

The BT45 seamlessly integrates your vehicle's OEM sound system with Bluetooth (HFP) devices for **hands-free phone calls** and **media streaming**. You can wirelessly connect your A2DP Bluetooth profile equipped smartphone or tablet to play stored music or stream the audio from your favorite media apps such as, iHeart Radio, Pandora, Spotify, and YouTube. The built in **echo & noise cancellation** feature will give you **crystal clear sound quality** on your hands free phone calls. The **all-speaker playback** feature will give you a **rich & dynamic music streaming quality**. The BT45 has an additional **3.5 mm auxiliary audio port**, so you can play music stored in your non-Bluetooth devices. It also has a **USB charging port** so you can keep you devices charged and ready to go.

The BT45's **plug & play technology** takes advantage of the OEM radio's ability to accept an external CD changer or Satellite Radio by converting it into Bluetooth phone/audio streaming/AUX input source. This design innovation allows you to **maintain functionality of existing factory installed options** such as, Bluetooth HandsFreeLink, LiveTraffic, Navigation, CD changer, Satellite radio, RSE (rear seat entertainment system), and AUX/USB input.

## NOTICE

**USA SPEC solely distributes its products through authorized dealers in order to ensure its customers receive proper services and information from the dealers. USA SPEC reserves the right to only offer technical support or warranty services for products purchased through authorized USA SPEC dealers. Please refer to our website [www.usaspec.com](http://www.usaspec.com) for a list of authorized dealers.**

## Installation/Operation Precautions:

- DO read the entire manual before starting the installation. We recommend that the BT45 be installed by a qualified professional since all installations will require the removal of some parts of the vehicle such dashboard, backseat, etc.
- DO install the interface securely using Velcro or wire ties (not included) and keep away from any moving parts such as the gas pedal.
- DO NOT open, disassemble, or modify the BT45 in any way. Such attempts will void the warranty on the product.
- DO NOT expose the interface to extreme temperature, humidity, or direct sunlight.
- DO NOT operate the Bluetooth device while driving. Always give full attention to the road while driving.

## BT45-HON3 PACKAGE CONTENT

- 1 Product Manual
- 1 BT45 Interface Module
- 1 CAS-H3x Cable + CAS-H3t Cable
- 1 Microphone

## COMPATIBILITY INFORMATION

### Bluetooth Device Compatibility

BT45 is compatible with most Bluetooth wireless technology enabled devices currently on the market such as iPhone, iPad, iPod Touch, Android smartphones & tablets, Windows smartphones & tablets, and Blackberry. **Devices must have Bluetooth profile A2DP (Advanced Audio Distribution Profile) and AVRCP (Audio/Video Remote Control Profile) 1.4 or higher for audio streaming and text display.**

Note: Due to the difference in Bluetooth technology, some Bluetooth enabled devices may be incompatible or may not support all of BT45's features.

### Radio & Device Compatibility for Music Info Display

The display of artist, album, and song title information on the radio is determined by the following 3 factors

1. Whether or not your radio has an XM or a SAT button<sup>(\*)</sup>. The Satellite radio does not have to be activated nor does the turner need to be present. As long as the radio has an XM or a SAT button you can get music info to display.
2. Your device's (smartphone) operating system: iOS 6 or higher, Android 4.0 (Ice Cream Sandwich) or higher
3. Your device's Bluetooth profile: AVRCP 1.4 or higher

**\* Odyssey 11-12 & Pilot 12 radios do not have XM buttons but they are XM capable thus will be able to display music info. Please follow the special instruction in this manual.**

**Vehicle Compatibility & XM Tuner Location:  
Honda**

| HONDA   |         |   |
|---|---------|---|
| MODEL   | YEAR    | XM TUNER LOCATION <sup>(1)(2)</sup>   |
| Element<br>(double din<br>radio only)   | 03 - 11 | Behind the right rear quarter panel in the trunk                                    |
| Accord  | 03 - 12 | Behind the right rear quarter panel in the trunk                                    |
| Accord Hybrid   | 05 - 12 | Inside the rear deck  |
| Civic   | 06 - 11 | Behind the right rear quarter panel in the trunk<br>or behind the glove box         |
|   | 2012    | Under the radio   |
| CRV   | 05 - 06 | Behind the left rear quarter panel in the trunk                                     |
|   | 07 - 11 | Behind the glove box  |
| CRZ   | 10 - 12 | Behind the glove box  |
| Fit   | 07 - 13 | XM tuner not available, connect directly to the<br>radio                            |
| Insight   | 10 - 12 | Behind the glove box  |
| Odyssey   | 05 -10  | Behind the right rear quarter panel in the trunk<br>or under the driver seat        |
|   | 11 - 12 | XM tuner not available, connect directly to the<br>radio                            |
| Pilot   | 06 - 11 | Behind the right rear quarter panel in the<br>trunk: inside the subwoofer enclosure |
|   | 2012    | XM tuner not available, connect directly to the<br>radio                            |
| Ridgeline   | 06 - 14 | Behind the rear wall panel or under the driver<br>seat                              |
| S2000   | 04 - 09 | In the trunk  |
| (1) For all non-XM radios, connect directly to the radios<br>(2) See under the "Details" tab on <a href="http://www.usaspec.com/p-315-bt45-hon3.aspx">http://www.usaspec.com/p-315-bt45-hon3.aspx</a> for photos of XM tuner locations. |         |   |

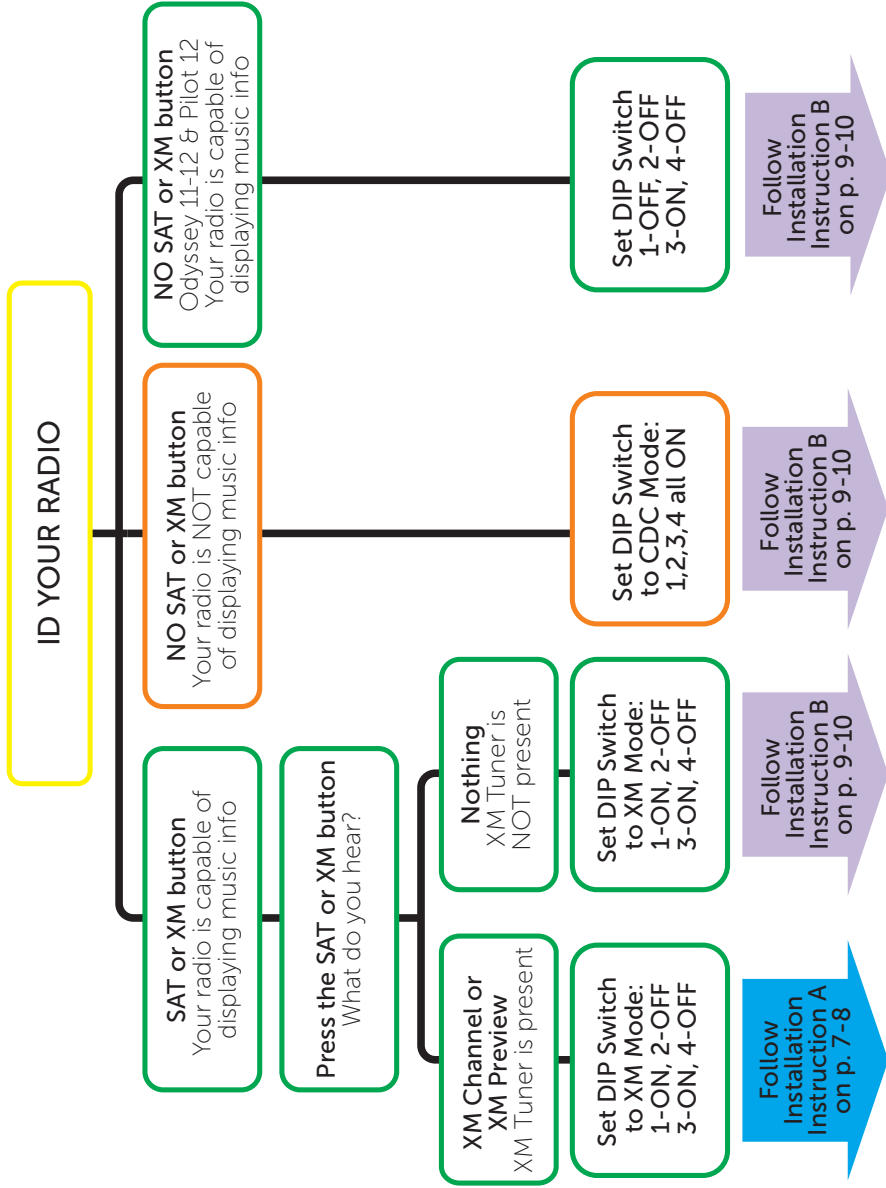
**Vehicle Compatibility & XM Tuner Location:  
Acura**

| ACURA  |         |   |
|--|---------|---|
| MODEL  | YEAR    | XM TUNER LOCATION <sup>(1)</sup>                    |
| RL (Non-Nav)   | 05 - 09 | Behind the left rear panel in the trunk             |
| RL (Nav)   | 05 - 09 | Use BT45-ACU  |
| TL (All Radios)  | 04 - 06 | Behind the right rear quarter panel in the<br>trunk |
| TL (Non-Nav)   | 07 - 08 | Behind the right rear quarter panel in the<br>trunk |
| TL (Nav)   | 07 - 08 | Use BT45-ACU  |
| MDX (Non-Nav)  | 05 - 12 | Under the right rear floor in the trunk             |
| MDX (Nav)  | 05 - 06 | Under the right rear floor in the trunk             |
| MDX (Nav)  | 07 - 09 | Use BT45-ACU  |
| TSX (All<br>Radios) <sup>2</sup>   | 04 - 08 | Behind the right rear quarter panel in the<br>trunk |
| RDX (Non-Nav)  | 07 - 09 | Behind the glove box                                |
| RDX (Nav)  | 07 - 09 | Use BT45-ACU  |
| (1) See under the "Details" tab on <a href="http://www.usaspec.com/p-315-bt45-hon3.aspx">http://www.usaspec.com/p-315-bt45-hon3.aspx</a> for photos of XM tuner locations.<br>(2) For non-XM radios connect directly to the radios |         |   |

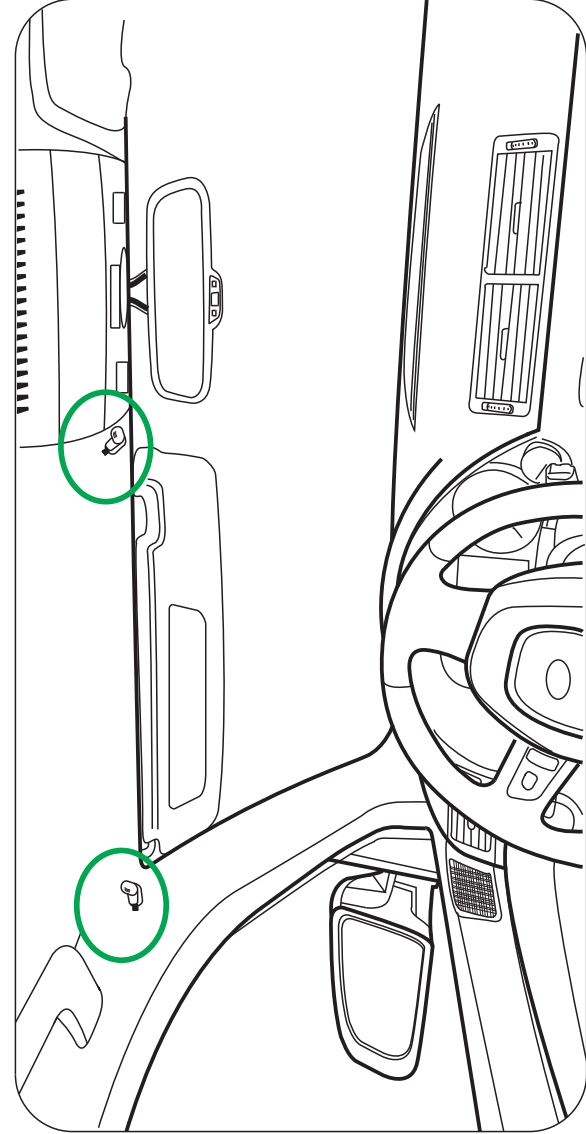
Compatibilities are subject to changes. Please consult [www.usaspec.com](http://www.usaspec.com) for the most up to date applications.

# INSTALLATION

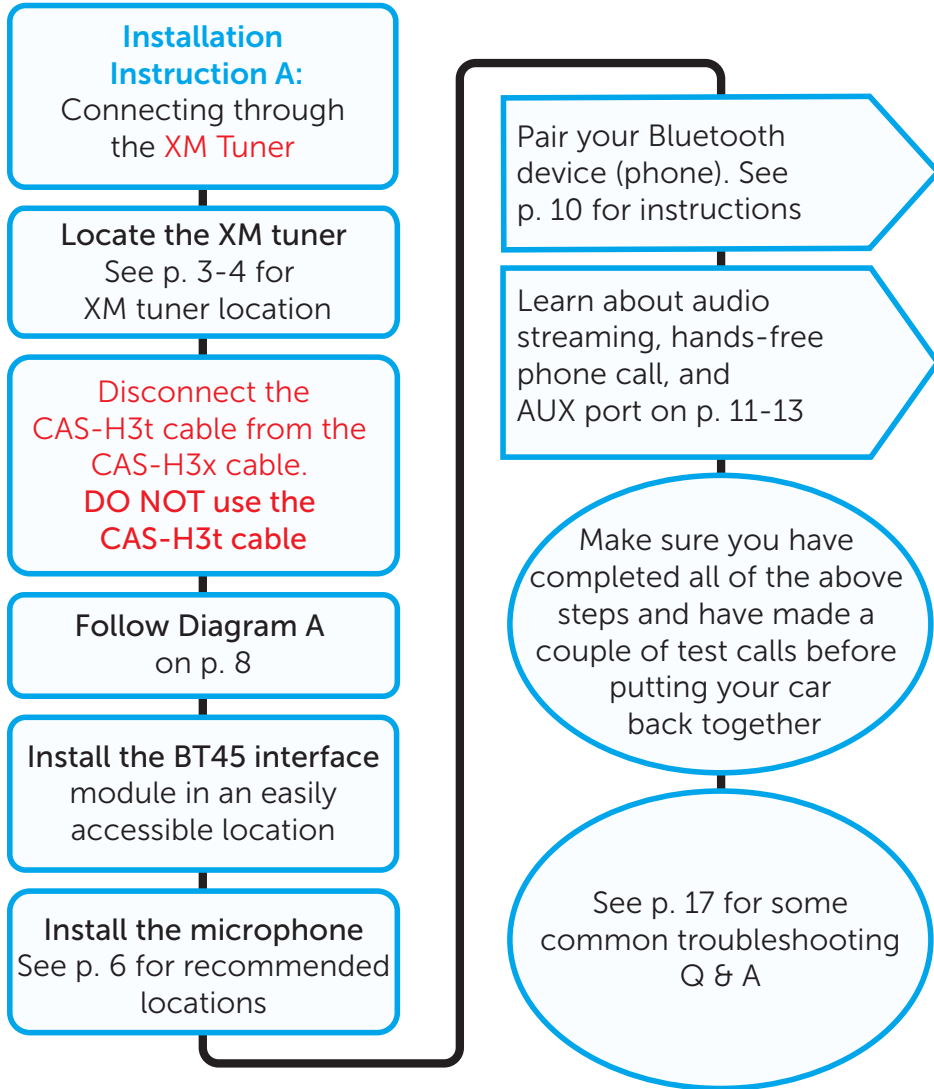
## Installation Start Guide & DIP Switch Setting



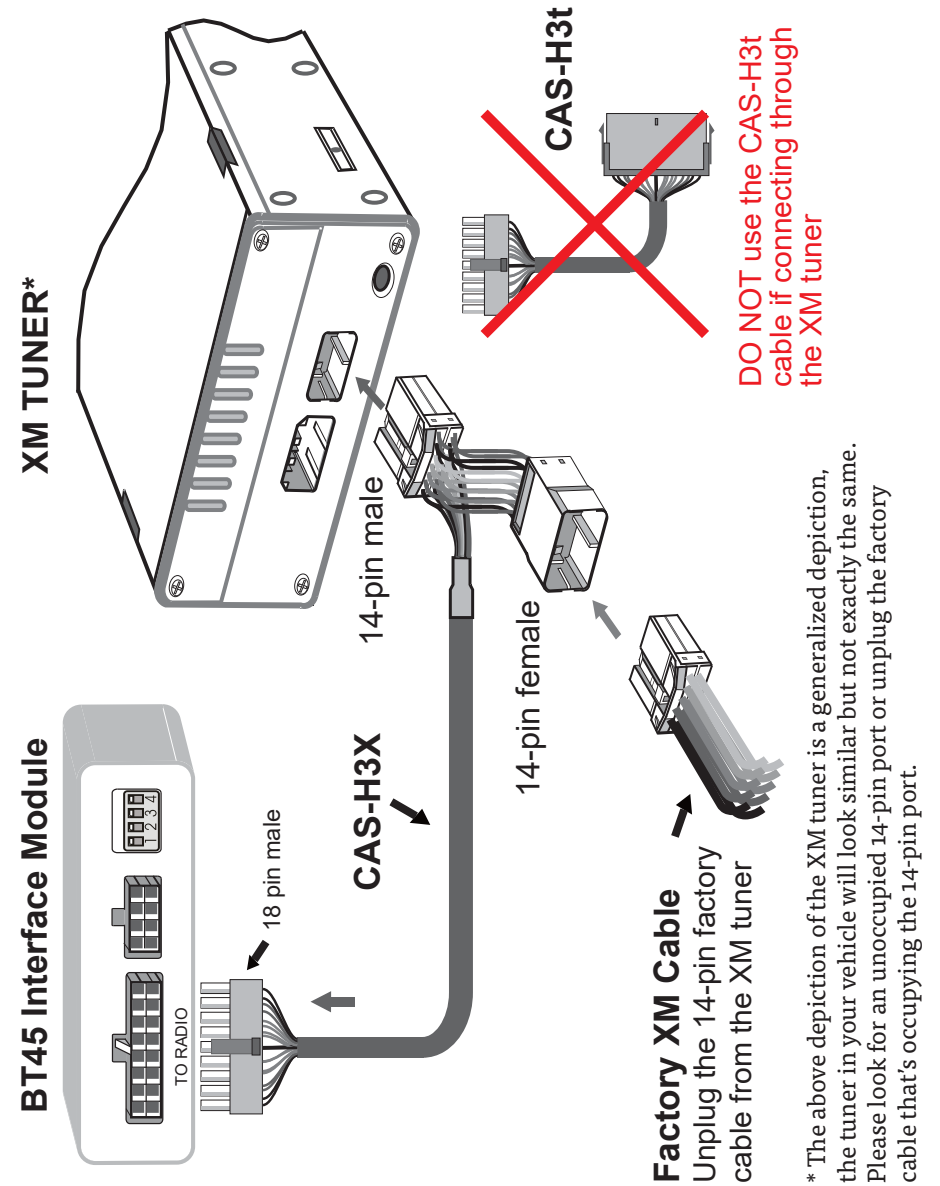
### Diagram B: Recommended Microphone Locations



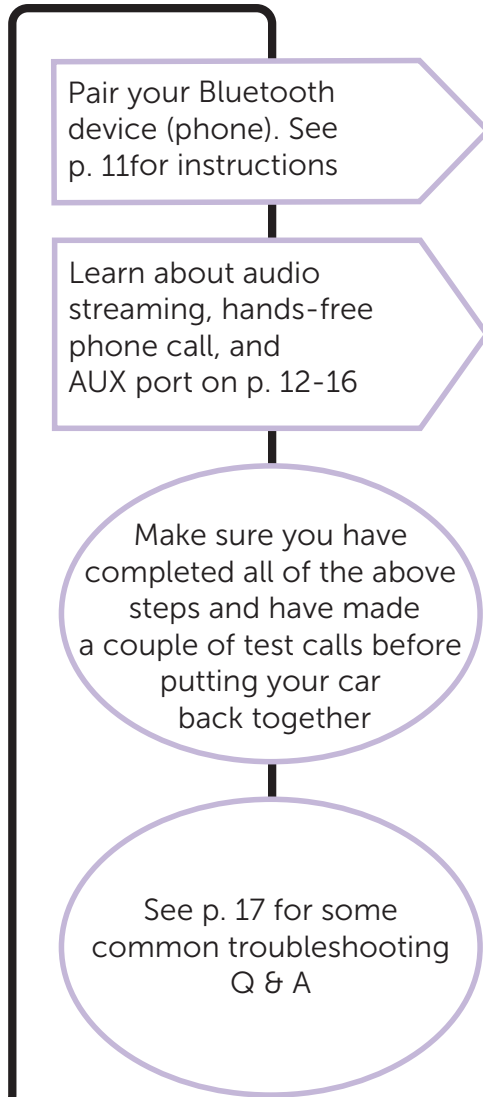
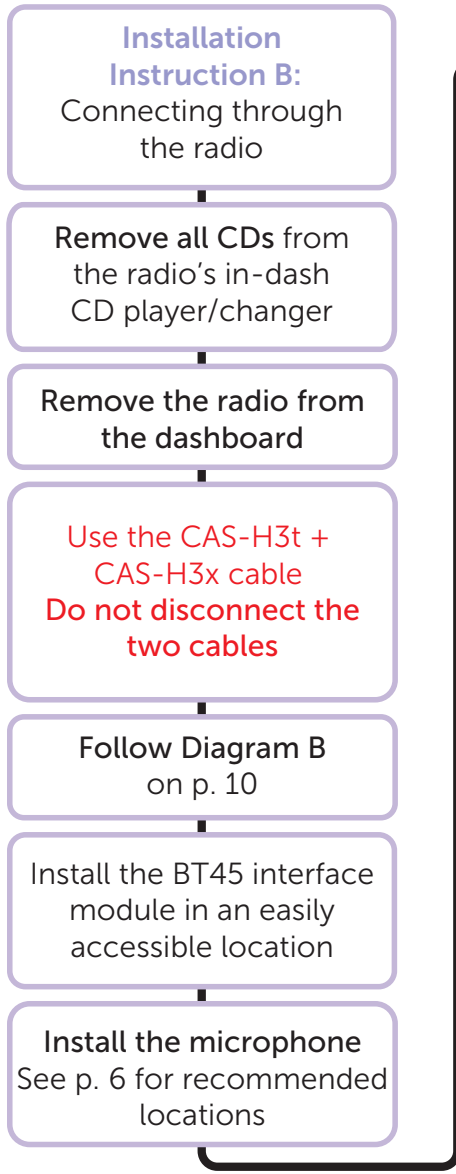
## Installation Instruction A: Connecting through the XM Tuner



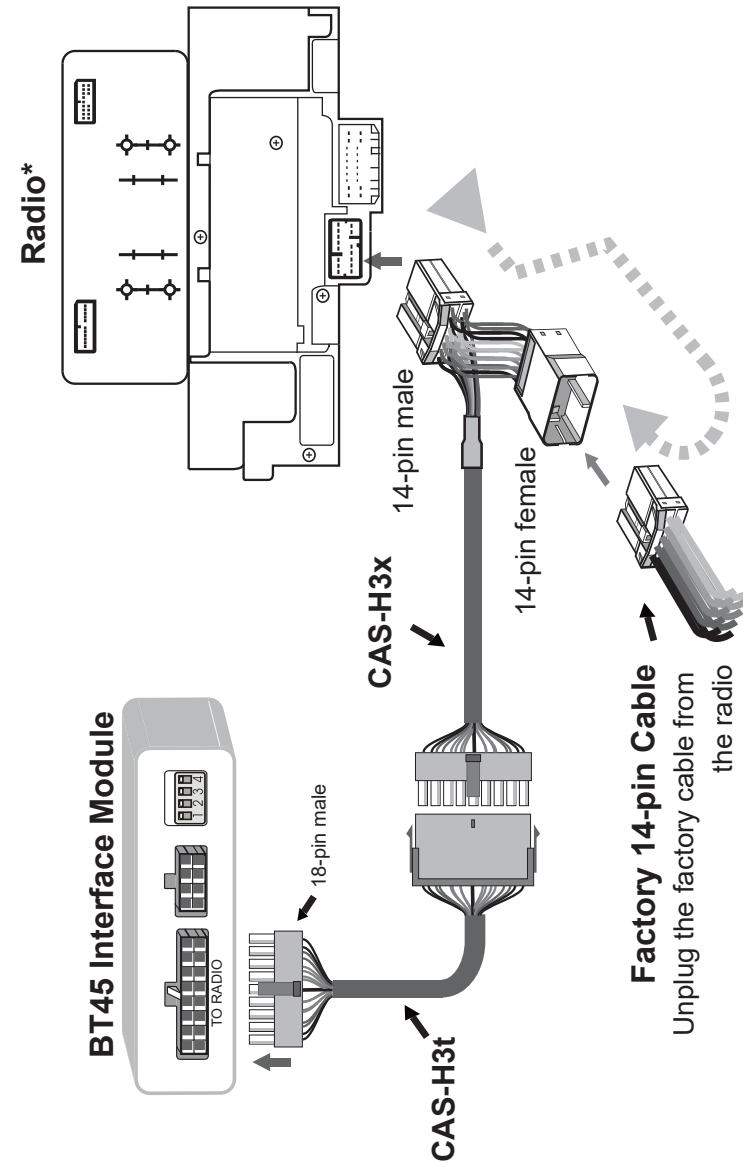
## Diagram A



## Installation Instruction B: Connecting Directly Behind the Radio



## Diagram B



\* The above depiction of the radio is a generalized depiction, your radio will look similar but not exactly the same. Please look for an unoccupied 14-pin port or unplug the factory cable that's occupying the 14-pin port.

## BLUETOOTH SETUP

### Bluetooth Device Pairing Instructions

1. Enable the Bluetooth function on your device (phone)
2. Turn your vehicle's ignition ON
3. Scan/search for available device from your phone.
  - It may take up to 60 seconds for your phone to locate the BT45-HON

Radio with a SAT/XM button  
&  
Odyssey 11-12, Pilot 12 radios

4. Your radio will automatically switch to XM1 audio source
5. Select BT45-HON from the list of available devices your phone has detected.
6. Allow the pairing process to take place
7. Once pairing is complete you will hear the "CONNECTED" voice prompt from your vehicle's audio system and the radio will briefly display the name of your device, i.e. USA SPEC Test Phone.

Radio without a  
SAT/XM button

4. Your radio will automatically switch to CDC (CD changer) audio source
5. Select BT45-HON from the list of available devices your phone has detected
6. Allow the pairing process to take place
7. Once pairing is complete you will hear the "CONNECTED" voice prompt from your vehicle's audio system

**Note:** Some devices may ask for a Pin # during the pairing process.  
Pairing Pin # = 1234

## MEDIA STREAMING

- If you have music stored in your device, it will begin to play right right after the "CONNECTED" voice prompt. If playback does not start automatically, press TUNE UP or TRACK/SEEK UP to initiate playback.
- You can also proceed to manually start playback from your preferred media app such as Pandora, YouTube, or Podcast app.

Radio with a SAT/XM button  
&  
Odyssey 11-12, Pilot 12 radios

Your radio will display music information such as artist, album, and song title. Please see p. 2 for details on device compatibility.

Radio without a  
SAT/XM button

Since your radio is NOT capable of music info display, **BT45-HON3 will assign track numbers** to the currently playing audio tracks.

Switching from AM/FM, CD, CDC to Bluetooth source

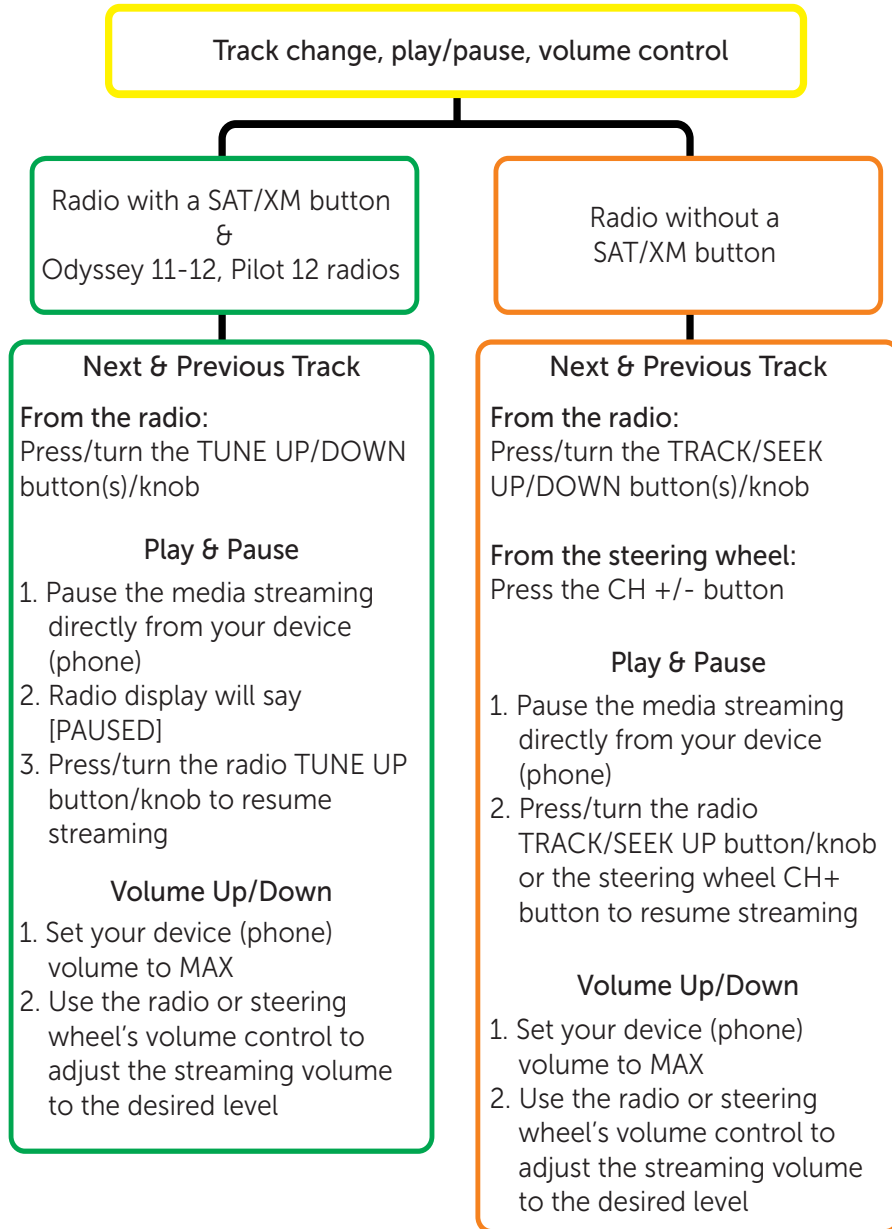
Press the SAT or the XM button to access XM1 (Bluetooth source). Once the BT45 is connected, XM1 will become the Bluetooth audio source.

**Odyssey 11-12 & Pilot 12**  
From your device (phone) open a music app and **press PLAY then NEXT TRACK**, wait 5s, and it will trigger the radio to switch into XM1 (Bluetooth).

Press the CD/AUX button to access CDC (Bluetooth source). Once the BT45 is connected CDC will become the Bluetooth audio source.



## Music Playback Control



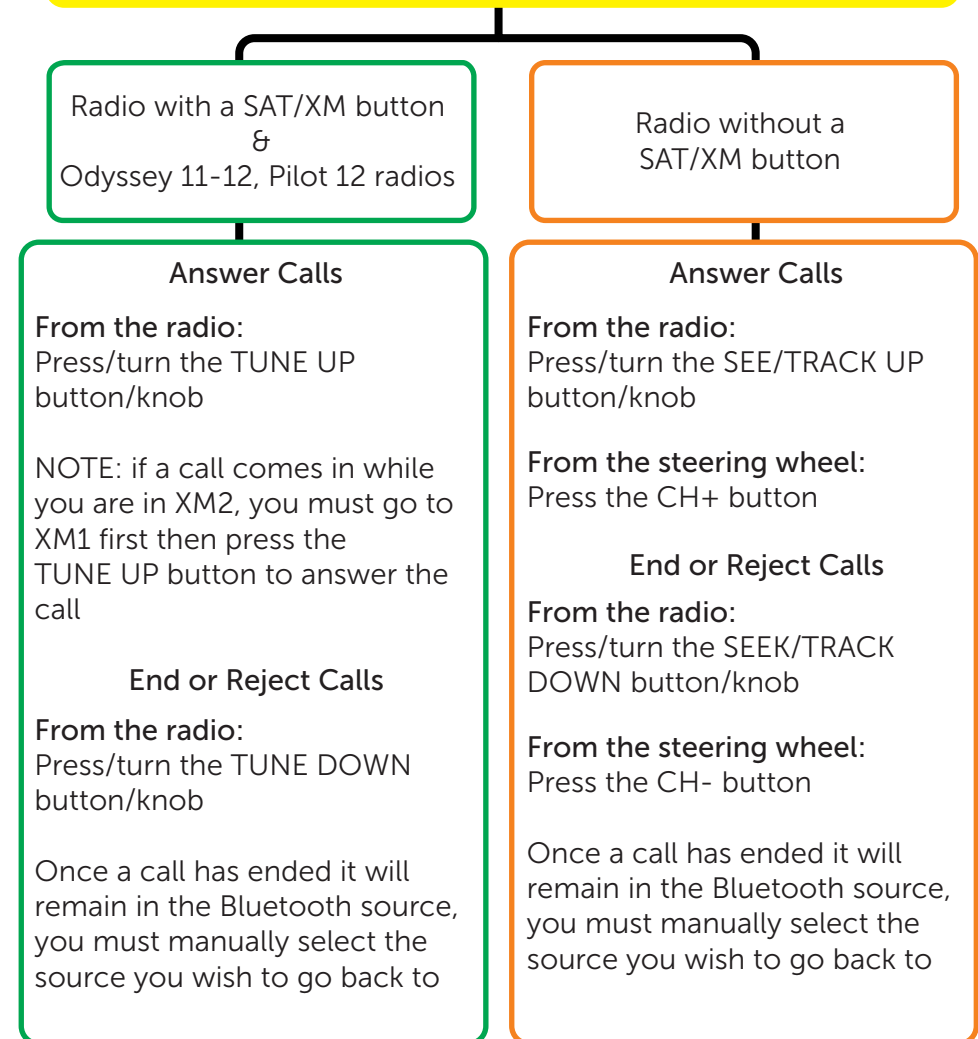
## HANDS-FREE PHONE CALLS

### Answer and End Calls

When there is an incoming call:

1. The BT45 will automatically mute the audio source you are in (AM/FM, CD, XM, & etc.) and switch into Bluetooth source
2. You will hear "you have a call from (caller #)" or "Private" if caller ID is not available. If voice prompt\* is disabled you will only hear the phone's ringtone

\* See p. 16 on how to enable/disable the voice prompt feature



## Make Calls

Radio with a SAT/XM button  
&  
Odyssey 11-12, Pilot 12 radios

### Make Calls

1. Dial calls directly from your phone
2. Or use your phone to engage its voice dialing function (Siri/ Google Now). Once engaged, your voice command will be picked up by the BT45's microphone<sup>(1)</sup>
3. As soon as an outgoing call is dialed, the BT45 will automatically switch the audio source to Bluetooth (XM1)
4. Press the radio TUNE DOWN button to end a call

Once a call has ended it will remain in the Bluetooth source, you must manually select the source you wish to go back to.

(1) Please keep in mind that the environment inside a moving vehicle tends to be noisier than your average environment. This will affect how accurately your phone's voice recognition function such as Siri picks up your voice command.

Radio without a  
SAT/XM button

### Make Calls

1. Dial calls directly from your phone
2. Or use your phone to engage its voice dialing function (Siri/ Google Now). Once engaged, your voice command will be picked up by the BT45's microphone<sup>(1)</sup>
3. As soon as an outgoing call is dialed, the BT45 will automatically switch the audio source to Bluetooth (CDC)
4. Press the radio SEEK/TRACK DOWN or the steering wheel CH- button to end a call

Once a call has ended it will remain in the Bluetooth source, you must manually select the source you wish to go back to.

## Hands-free to Handset

### Transferring an active call from Hands-free to Handset

Radio with a SAT/XM button  
&  
Odyssey 11-12, Pilot 12 radios

#### While on a call From the radio:

1. Press/turn the TUNE UP button/knob to transfer the call from hands-free to handset
2. Press the same button again to transfer the call back to hands-free mode

Radio without a  
SAT/XM button

#### While on a call From the radio:

1. Press/turn the SEEK/TRACK UP button/knob to transfer the call from hands-free to handset
2. Press the same button again to transfer the call back to hands-free mode

From the Steering wheel:  
Press the CH+ button

## ENABLE & DISABLE VOICE PROMPT

1. Turn your vehicle's ignition ON
  2. go to Bluetooth source (XM1 or CDC)
  3. Disable the Bluetooth function from your phone's setting
  4. Wait 5 sec, then turn the TUNE or the TRACK/SEEK knob to the right to ENABLE. Turn the same knob to the left to DISABLE
- \* The above steps will disable both the voice prompt and the caller # announcement features.

## AUX INPUT

### Aux 3.5 mm Audio Input

- You'll need a 3.5mm to headphone jack cable (not included in this package)

1. Press the AUX button
2. Press the PRESET 6 button to access the audio device connected to the AUX port

1. Press the AUX button
2. Press the DISC 6 or DISC 9 button to access the audio device connected to the AUX port

## USB CHARGING PORT

**Maximum charging output: 2.1 amps at 5 volt  
(charging cable not provided)**

## TROUBLESHOOTING

- **I can hear the XM radio and media streaming playing at the same time.**  
Make sure you have disconnected the CAS-H3t cable. DO NOT Use the CAS-H3t cable if you are connecting through the XM tuner (p.6).  
Make sure the dip switches are set correctly (p.5).
- **The BT45-HON3 is connected through the radio but the XM button on the radio does not work?**  
Make sure the CAS-H3t cable is connected to the CAS-H3x cable (see p.8).
- **I'm unable to pair my smartphone/device.**
  1. Forget/delete the BT45-HON from your phone's Bluetooth setting. Reset your phone and try the pairing process again.
  2. If you have an Android device, make sure the "Only visible to paired devices" option is UNCHECKED. Sometimes it can take up to 30 seconds for the BT45 to be detected by your smartphone/device.

- **My hands-free phone call volume is very low.**  
First adjust the phone volume setting to MAX, then use the radio volume controls to adjust it to the desired level.
- **My radio has a SAT/XM button but it is not displaying any music info such as song titles.**  
Confirm that your device is equipped with Bluetooth profile AVRCP 1.4 or higher, it has iOS 6.0 or higher, or Android 4.0 or higher.  
Music streaming apps' info display capabilities vary thus some might not display properly on your radio.
- **I'm unable to use my steering wheel controls to answer calls or control media playback.**  
The steering wheel control in XM1 audio source is designed to perform PRESET changes thus it CAN NOT be used to answer calls or to change tracks during media streaming.  
In some vehicles you might be able to perform those functions by press and hold the steering wheel control's TUNE UP/DOWN button.  
\* If steering wheel control feature is important to you then you can use the CDC audio source for Bluetooth. (you'll need to make changes to the dip switch settings and cable connections). However by using it in CDC source you will lose the music info display feature.
- **The BT45's USB port will not charge my device.**  
Please use data SYNC and CHARGE (USB 2.0 capability) cables. Not all USB cables on the market support charging.
- **I have a device connected through BT45's AUX input and the volume is very low.**  
Turn the volume on the actual device to MAX then use the radio's volume control to adjust the level.

For help with any additional issues, please contact tech support at (626)336-3836 Mon-Fri: 9am-5pm PST or e-mail us at [info@usaspec.com](mailto:info@usaspec.com)  
Additional troubleshooting Q&A are available at <http://www.usaspec.com/t-faq.aspx>

## LIMITED WARRANTY

Thank you for choosing a USA SPEC product. USA SPEC, Inc., is committed to providing high quality defect-free products. All USA SPEC products are tested before leaving the factory and warranted against defects in materials and workmanship for a period of one year to the original owner. The one-year warranty period begins at the date of purchase from an authorized dealer.

### PRODUCTS COVERED:

Products and related accessories supplied by USA SPEC, Inc. with the brand name of USA SPEC are covered by this warranty. Only products purchased in the USA are covered.

### WARRANTY DOES NOT COVER:

1. Damage due to improper installation or operation, negligence, abuse, or not following instructions, warnings or acceptable industry procedures.
2. Damage caused during the shipment or transportation of the product. All claims of this nature must be presented to the carrier.
3. Damage caused by acts of God, war, or civil disturbance, including without limitation, flood, fire, storms, earthquake or other acts of nature.
4. Any expenses or cost to remove or reinstall products.
5. Any product without the original serial number and factory seal, or has been serviced or modified without the authorization of USA SPEC.
6. Any product not distributed by an authorized USA SPEC dealer.

### TO OBTAIN WARRANTY SERVICE:

Contact the Customer Service center for assistance at (626) 336 - 3836. A detailed description of the problem(s) is required for service. Proof of purchase is also required when sending a product for warranty service. If the problem cannot be resolved and the product must be returned for service, you will receive an authorization form from the service center. The product must be delivered pre-paid to the service center. USA SPEC will, at our option, repair the product or replace it with a new or reconditioned product, and if it was shipped to the service center, the return shipping will be pre-paid free of charge provided the repairs are covered by the warranty. The product must be packed securely for shipment to the service center in order to preserve the warranty and prevent damage.

NO IMPLIED WARRANTY, INCLUDING MERCHANTABILITY AND FITNESS FOR USE APPLIES TO THIS PRODUCT AFTER THE ONE YEAR PERIOD AS DEFINED ABOVE, AND NO OTHER EXPRESSED WARRANTY OR GUARANTEE, EXCEPT AS MENTIONED ABOVE, GIVEN BY ANY PERSON, FIRM, OR CORPORATION WITH RESPECT TO THIS PRODUCT SHALL BIND THE WARRANTOR. NEITHER THE WARRANTOR NOR ANY OTHER PERSON, FIRM, OR CORPORATION IS RESPONSIBLE FOR LOSSES OR INCONVENIENCES, OR FOR ANY CONSEQUENTIAL DAMAGES CAUSED BY THE PRODUCT. SOME STATES/PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, AND SOME DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES.

This warranty gives you specific legal rights, and you may also have other rights, which vary, from state to state, and province to province. Some of the limitations or exclusions may not apply to you. THE ABOVE WARRANTY TERMS AND CONDITIONS ARE VALID ONLY IN THE U.S.A.