

# FUSION<sup>®</sup> MS-BB300R

BLACK BOX ENTERTAINMENT SYSTEM  
OWNER'S MANUAL



ENGLISH

**FUSION<sup>®</sup>**  
FUSIONENTERTAINMENT.COM

All rights reserved. Under the copyright laws, this manual may not be copied, in whole or in part, without the written consent of Garmin. Garmin reserves the right to change or improve its products and to make changes in the content of this manual without obligation to notify any person or organization of such changes or improvements. Go to [www.garmin.com](http://www.garmin.com) for current updates and supplemental information concerning the use of this product.

Garmin®, the Garmin logo, and the FUSION® logo are trademarks of Garmin Ltd. or its subsidiaries, registered in the USA and other countries. Fusion and FUSION-Link™ are trademarks of Garmin Ltd. or its subsidiaries. These trademarks may not be used without the express permission of Garmin.

Apple®, the Apple logo, iPod®, iPod touch®, iPod classic®, iPod nano®, and iPhone® are trademarks of Apple Inc., registered in the U.S. and other countries. Android™ is a trademark of Google Inc. Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Garmin is under license. NMEA®, NMEA 2000®, and the NMEA 2000 logo are registered trademarks of the National Marine Electronics Association. Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc. All rights reserved. Other trademarks and trade names are those of their respective owners.

Made for iPhone 5, iPhone 4s, iPhone 4, iPhone 3GS, iPhone 3G, iPod touch (2nd through 5th generation), iPod classic, and iPod nano (4th through 7th generation).

"Made for iPod and iPhone" means that an electronic accessory has been designed to connect specifically to an iPod or an iPhone respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with an iPhone may affect wireless performance.

# Table of Contents

<b>Getting Started</b>	<b>1</b>
Device Controls	1
Remote Screen	1
Assigning the Remote to a FUSION Stereo	1
Adjusting the Backlight Brightness and Contrast	1
Adjusting the Volume	1
Selecting a Source	2
Switching Between Remote Control Mode and NMEA 2000 Repeater Mode	2
<b>Bluetooth Device Playback</b>	<b>2</b>
Connecting a Compatible Bluetooth Device	2
Selecting a Different Bluetooth Source	2
<b>USB, MTP, and Apple® Device Playback</b>	<b>2</b>
Connecting a USB Device	3
Controlling Music Playback on a USB Flash Drive	3
MTP File Information	3
<b>Radio</b>	<b>3</b>
Setting the Tuner Region	3
Changing the Radio Station	3
Presets	3
<b>SiriusXM Satellite Radio</b>	<b>3</b>
Enabling the SiriusXM Source	3
Locating the SiriusXM Radio ID	3
Activating a SiriusXM Subscription	4
SiriusXM Controls	4
Parental Control Settings on the FUSION NRX Remote Control	4
<b>DAB Playback</b>	<b>4</b>
Setting the Tuner Region	4
Scanning for DAB Stations	4
DAB Presets	4
<b>Connecting an Auxiliary Device</b>	<b>5</b>
<b>Additional Settings</b>	<b>5</b>
Bluetooth Settings	5
iPhone® and iPod® Settings	5
MTP Settings	5
USB Settings	5
FM and AM Settings	5
General Settings	5
Zone Settings	5
Assigning the Remote to a Zone	6
<b>Appendix</b>	<b>6</b>
Registering Your FUSION MS-BB300	6
Troubleshooting	6
Supported NMEA 2000 PGN Information	7
<b>Index</b>	<b>8</b>



## Getting Started

This manual contains instructions for using the FUSION® MS-BB300 stereo with a compatible FUSION NRX series remote control. The FUSION NRX series remote control is included in the FUSION MS-BB300R stereo and remote bundle and is an optional accessory for other models.

The FUSION MS-BB300 stereo can also be controlled using a FUSION-Link™ compatible multi-function display (MFD) through the NMEA 2000® network.

### Device Controls



Button	Function
①	<ul style="list-style-type: none"> <li>Select to turn on the device.</li> <li>Select to mute and un-mute the audio.</li> <li>Hold to turn off the remote and stereo.</li> </ul>
↻	<ul style="list-style-type: none"> <li>Select to cycle the available sources.</li> </ul> <p><b>TIP:</b> You can use the dial to browse and select the source when the available sources are shown.</p> <ul style="list-style-type: none"> <li>Hold to switch from remote control mode to NMEA 2000 mode.</li> </ul>
☰	<ul style="list-style-type: none"> <li>Select to open the menu.</li> <li>Select to return to the previous screen from the menu.</li> <li>Hold to exit the menu.</li> <li>Select to switch from NMEA 2000 mode to remote control mode.</li> <li>SIRIUSXM: Select to open the browse menu.</li> </ul>
▶	<ul style="list-style-type: none"> <li>BT or USB: Select to pause or resume the current track.</li> <li>AM/FM: Select to cycle through the tuning modes (auto, manual, and presets).</li> <li>SIRIUSXM: Select to move through the tuning modes (auto and presets), when you have at least one preset channel.</li> <li>DAB: Select to scan for DAB stations.</li> </ul>
◀◀	<ul style="list-style-type: none"> <li>BT or USB: Select to skip to the beginning of the track or to the previous track.</li> <li>AM/FM: <ul style="list-style-type: none"> <li>Auto or manual tuning: Select to tune to the previous station.</li> <li>Hold for faster station skipping in manual mode.</li> <li>Presets: Select to change to the previous preset.</li> </ul> </li> <li>AUX: Select to decrease the gain for the connected source.</li> <li>SIRIUSXM: Select to return to the previous channel.</li> <li>DAB: Select to return to the previous DAB station in the ensemble. When you reach the beginning of the current ensemble, the stereo automatically changes to the last available station in the previous ensemble.</li> </ul>

Button	Function
▶▶	<ul style="list-style-type: none"> <li>BT or USB: Select to skip to the next track.</li> <li>AM/FM: <ul style="list-style-type: none"> <li>Auto or manual tuning: Select to tune to the next station.</li> <li>Hold for faster station skipping in manual mode.</li> <li>Presets: Select to change to the next preset.</li> </ul> </li> <li>AUX: Select to increase the gain for the connected source.</li> <li>SIRIUSXM: Select to advance to the next channel.</li> <li>DAB: Select to advance to the next DAB station in the ensemble. When you reach the end of the current ensemble, the stereo automatically changes to the first available station in the next ensemble.</li> </ul>
Dial	<ul style="list-style-type: none"> <li>Turn to adjust the volume, move through the menus, or adjust a setting.</li> <li>Press to select an option or a setting.</li> </ul>

### Remote Screen

The information displayed on the remote screen varies depending on the source selected on the stereo. This example shows the stereo playing a track on a device connected using Bluetooth® wireless technology.



①	Source
②	Play status icon
③	Track details (if available)
④	Elapsed time
⑤	Current track number out of total number of tracks in the playlist (if available)
⑥	Track duration (if available)

### Assigning the Remote to a FUSION Stereo

You must assign the remote control to the stereo after installing the remote control. When multiple FUSION stereos are installed on the NMEA 2000 network, you can assign a remote control to a specific stereo.

- 1 Select **☰ > Settings > Stereo**.
- 2 Select a FUSION stereo.
- 3 Press the dial to save and exit the menu.

### Adjusting the Backlight Brightness and Contrast

- 1 Select **☰ > Settings > LCD**.
- 2 Press the dial to select brightness or contrast.
- 3 Adjust the brightness or contrast.
- 4 Select **☰** to exit the menu.

### Enabling the Power Save Feature

You can set the backlight to turn off automatically, after a period of time, to save power.



- 1 Select **☰ > Settings**.
- 2 Select the **Power Save** check box.
- 3 Select **☰** to exit the menu.

### Adjusting the Volume

- 1 Use the dial to adjust the volume.
- 2 If necessary, press the dial to switch between zones.


**TIP:** To control all zones at the same time, press the dial until all zones are highlighted.


## Selecting a Source

- 1 Select .
- 2 Select an option:
  - Turn the dial to highlight a source.
  - Select  repeatedly to highlight a source.
- 3 Press the dial to select the source.

## Switching Between Remote Control Mode and NMEA 2000 Repeater Mode


By default, the remote control is in remote control mode when you power it on, allowing you to control a connected FUSION MS-BB300 device. You can switch to NMEA 2000 repeater mode to view supported data sentences from connected NMEA 2000 devices.


- 1 Hold  to switch from remote control mode to NMEA 2000 repeater mode.

While in NMEA 2000 repeater mode, you can control the volume and playback of the current source.
- 2 Select  to switch from NMEA 2000 repeater mode to remote control mode.


### Selecting NMEA 2000 Information to View



Before you can view NMEA 2000 information, you must set the remote control to NMEA 2000 repeater mode.

- 1 Select  > **Settings** > **NMEA Monitor**.
- 2 Select the NMEA 2000 supported data sentences to view.



You can view information only from sensors connected to the same NMEA 2000 network as the remote control.
- 3 Select  to exit the menu.

### Cycling NMEA 2000 Information Automatically

By default, when in NMEA 2000 repeater mode, the remote shows one type of information. You can cycle through all available NMEA 2000 information by pressing  repeatedly or by setting up automatic cycling.

- 1 Select  > **Settings** > **NMEA Monitor** > **Cycle Screens**.
- 2 Select the time between cycles.
- 3 Select  to exit the menu.

### Selecting Units of Measure

- 1 Select  > **Settings** > **NMEA Monitor** > **Set Units**.
- 2 Select the units of measure for distance, speed, and depth.
- 3 Select  to exit the menu.

## Bluetooth Device Playback


You can pair the stereo to up to eight Bluetooth media devices.

You can control the playback using the keys, but you cannot browse the music collection. You should select the song or playlist on the media device.

The availability of song information such as song title, artist name, and track duration depends on the capability of the media player and music application. The shuffle and repeat status icons are not supported over Bluetooth wireless technology.

## Connecting a Compatible Bluetooth Device

You can play media from a compatible Bluetooth device using the Bluetooth wireless connection.


- 1 Select the Bluetooth source.
- 2 Select  > **Discoverable** to make the stereo visible to your compatible Bluetooth device.

- 3 Enable Bluetooth on your compatible Bluetooth device.
- 4 Bring the compatible Bluetooth device within 10 m (33 ft.) of the stereo.
- 5 On your compatible Bluetooth device, search for Bluetooth devices.
- 6 On your compatible Bluetooth device, select the stereo from the list of detected devices.
- 7 On your compatible Bluetooth device, follow the on-screen instructions to pair and connect to the discovered stereo.

When pairing, your compatible Bluetooth device may ask you to confirm a code on the stereo. The stereo does not display a code, but it does connect correctly when you confirm the message on the Bluetooth device.
- 8 If your compatible Bluetooth device does not immediately connect to the stereo, repeat steps 1 through 7.

## Selecting a Different Bluetooth Source

When you have more than one Bluetooth device paired to the stereo, you can select a different source when needed. You can connect the stereo to up to eight Bluetooth devices.

- 1 With the **BT** source selected, select .
- 2 Select a Bluetooth device.

## USB, MTP, and Apple® Device Playback


You can connect various USB media players and smartphones to the stereo. For example, you can connect an Android™ smartphone, a USB flash drive, or a compatible Apple device. How you access the USB source depends on which type of media player is connected. The stereo is designed to be used with one USB connection at a time. You must disconnect one USB device before connecting another.

**NOTE:** If you connect an Apple media player to the USB port on the stereo, you must either disable Bluetooth on the media player, or unpair the Bluetooth connection from the stereo to avoid possible media-playback issues.

Media Player	Source Selections
Android device	MEDIA
Apple device	IPOD
USB flash drive	USB
MP3 media player (as a mass-storage device)	USB <b>NOTE:</b> If your MP3 media player does not support mass-storage when connected using USB, you must connect it to the stereo as an auxiliary device ( <a href="#">Connecting an Auxiliary Device, page 5</a> ).

You can browse the music collection on the USB source using the categories the device supports, such as songs, albums, and artists on MTP and Apple devices.

**NOTE:** The USB source does not support library browsing. You can browse the folder structure.

You can also browse the files according to the folder structure on your media player. For example, from the IPOD source, you can select  > **Albums**.

The availability of song information such as song title, artist name, track duration, and album cover artwork depends on the capability of the media player and music application.


**NOTE:** Different operating systems and media players provide different levels of support for MTP. Go to [www.fusionentertainment.com](http://www.fusionentertainment.com) for device compatibility information.

## Connecting a USB Device

You can connect a USB device to the USB port on the stereo.

- 1 Locate the **USB** port on the back of the stereo.
- 2 Connect the USB device to the **USB** port.
- 3 Select the USB source.

## Controlling Music Playback on a USB Flash Drive

- 1 Connect a compatible USB flash drive or media player to the stereo.
- 2 Select the **USB** source.
- 3 Select .
- 4 Select the name of the USB drive to view the file structure of the USB flash drive or media player.
- 5 Select a song to begin music playback.

## MTP File Information

After you connect the MTP device, the stereo downloads the full list of song names from the device and creates a song title index. This process must be completed before music playback can begin. For devices with large music collections, this may take several minutes. The song count appears during this process. You can use other sources while this process is underway.

For best results, the music folders on an MTP device should not contain more than 300 files each. Exceeding 300 files per folder can cause the MTP device to become unresponsive and reset the connection to the device.

Music files must be located in a folder using one of these names. The folder must be located in the root directory of the MTP device.

- My Music
- My\_Music
- mobile
- Music

These guidelines also apply to memory cards installed in the MTP device.

## Radio

To listen to AM or FM radio, you must have a suitable marine AM/FM antenna properly connected to the stereo and be within range of a broadcasting station. For instructions on connecting an AM/FM antenna, see the stereo installation instructions.

To listen to SiriusXM® radio, you must have the appropriate equipment and subscriptions ([SiriusXM Satellite Radio, page 3](#)). For instructions on connecting a SiriusXM Connect Vehicle Tuner, see the stereo installation instructions.

To listen to DAB stations, you must have the appropriate equipment ([DAB Playback, page 4](#)). For instructions on connecting a DAB adapter and antenna, see the installation instructions provided with your adapter and antenna.

## Setting the Tuner Region


You must select the region you are in to receive AM and FM stations properly.

If you are connected to a compatible SiriusXM tuner and antenna, and have a subscription (USA only), you must select the region you are in to receive SiriusXM stations properly.




**NOTE:** SiriusXM is not available in all regions.

If you are connected to a compatible DAB module and antenna (not included), you must select the region you are in to receive DAB stations properly.

**NOTE:** DAB stations are not available in all regions.

- 1 Select  > **Settings** > **Tuner Region**.
- 2 Select the region you are in.

## Changing the Radio Station


- 1 Select an applicable source, such as **FM**.
- 2 Select  repeatedly to move through the tuning modes:
  - Select **Auto** to scan and stop on the next available station.
  - Select **Manual** to select a station manually.
  - Select **Presets** to select a saved station preset.
- 3 Select  or  to tune to the station.


## Presets

You can save your favorite AM stations and FM stations as presets for easy access.

You can save your favorite SiriusXM channels if you are connected to an optional SiriusXM tuner and antenna.


## Saving a Station as a Preset

- 1 With an applicable source selected, tune the stereo to a station.
- 2 Select  > **Presets**.
- 3 Select **Save Current**.


**TIP:** You can quickly save the selected station as a preset by holding .

## Selecting a Preset from a List

Before you can select a preset from a list, you must save at least one station as a preset.

- 1 Select the applicable source.
- 2 Select  > **Presets**.
- 3 Select a preset from the list.

## Removing Presets


- 1 With an applicable source selected, select  > **Presets** > **Remove Preset**.
- 2 Select an option:
  - To remove one preset, select the preset.
  - To remove all presets, select **Remove All Presets**.

## SiriusXM Satellite Radio

Only SiriusXM brings you more of what you love to listen to, all in one place. Get over 140 channels, including commercial-free music plus the best sports, news, talk, comedy and entertainment. Welcome to the world of satellite radio. A SiriusXM Vehicle Tuner and subscription are required. For more information, go to [www.siriusxm.com](http://www.siriusxm.com).

## Enabling the SiriusXM Source

You must enable the SiriusXM source before you can listen to SiriusXM Satellite Radio.

Select  > **Settings** > **Tuner Region** > **USA**.

## Locating the SiriusXM Radio ID

You must have the radio ID of your SiriusXM Connect Tuner before you can activate your SiriusXM subscription. You can locate the SiriusXM Radio ID on the back of the SiriusXM Connect Tuner or its packaging, or by tuning your stereo to channel 0.

With the SiriusXM source selected, select  > **Channels** > **All Channels** > **Radio ID**.

The SiriusXM Radio ID does not include the letters I, O, S, or F.

## Activating a SiriusXM Subscription

Before you can activate the SiriusXM subscription, you must have the Radio ID ([Locating the SiriusXM Radio ID, page 3](#)).



- 1 With the SiriusXM source selected, tune to channel 1.  
You should be able to hear the preview channel. If not, check the SiriusXM Connect Tuner and antenna installation and connections, and try again.
- 2 Tune to channel 0 to locate the Radio ID.
- 3 Contact SiriusXM listener care by phone at (866) 635-2349 or go to [www.siriusxm.com/activatenow](http://www.siriusxm.com/activatenow) to subscribe in the United States. Contact SiriusXM by phone at (877) 438-9677 or go to [www.siriusxm.ca/activatexm](http://www.siriusxm.ca/activatexm) to subscribe in Canada.
- 4 Provide the Radio ID.  
The activation process usually takes 10 to 15 minutes, but can take up to an hour. For the SiriusXM Connect Tuner to receive the activation message, it must be turned on and receiving the SiriusXM signal.
- 5 If the service is not activated within the hour, go to <http://care.siriusxm.com/refresh> or contact SiriusXM by phone at 1-855-MYREFRESH (697-3373).

## SiriusXM Controls

When in SiriusXM mode, select .

**Presets:** Opens the list of preset SiriusXM channels.

**Category:** Opens a list of channel categories.

**NOTE:** You can select  and  to view channels within a category.

## Parental Control Settings on the FUSION NRX Remote Control

You can lock and unlock SiriusXM radio channels, clear all locked channels, and change your passcode using a FUSION NRX remote control.

When in SiriusXM mode, select  > **Parental**.


**Unlock:** Unlocks the parental controls.

**Lock/Unlock:** Unlocks or locks channels.

**Clear all Locked:** Unlocks all locked channels.

**Change PIN:** Changes the parental passcode.

## Locking a SiriusXM Channel Using the FUSION NRX Remote Control

- 1 When in SiriusXM mode, select  > **Parental**.
- 2 If necessary, select **Unlock** and Enter your passcode.
- 3 Select **Parental** > **Lock** > **Channel**.
- 4 Select a channel.
- 5 Select **Parental** > **Unlock** to lock the parental controls (optional).


## DAB Playback

When you connect a compatible Digital Audio Broadcasting (DAB) module and antenna, such as the FUSION MS-DAB100A to the FUSION MS-BB300 stereo, you can tune in to and play DAB stations.

DAB broadcasts are not available in all regions. When the stereo is not set to a compatible region, the DAB source is not available.


## Setting the Tuner Region

You must select the region you are in to receive DAB stations properly.


- 1 Select  > **Settings** > **Tuner Region**.
- 2 Select the region you are in.

## Scanning for DAB Stations




Before you can scan for DAB stations, you must connect a compatible DAB module and antenna (not included) to the stereo. Because DAB signals are broadcast in select countries only, you must also set the tuner region to a location where DAB signals are broadcast.

- 1 Select the **DAB** source.
- 2 Select  to scan for available DAB stations.



When scanning is complete, the first available ensemble found begins playing.

**NOTE:** After the first scan is complete, you can select  again to re-scan for DAB stations. When the re-scan is complete, the system starts playing the first station in the ensemble you were listening to when you started the re-scan.



## Changing DAB Stations

- 1 Select the **DAB** source.
- 2 If necessary, select  to scan for local DAB stations.
- 3 Select  or  to change the station.  
When you reach the end of the current ensemble, the stereo automatically changes to the first available station in the next ensemble.

## Selecting a DAB Station from a List

- 1 Select the **DAB** source.
- 2 If necessary, select  to scan for local DAB stations.
- 3 Select  > **Browse** > **Stations**.
- 4 Select a station from the list.

## Selecting a DAB Station from a Category



- 1 Select the **DAB** source.
- 2 If necessary, select  to scan for local DAB stations.
- 3 Select  > **Browse** > **Categories**.
- 4 Select a category from the list.
- 5 Select a station from the list.

## DAB Presets

You can save your favorite DAB stations as presets for easy access.


You can save up to 15 DAB-station presets.

## Saving a DAB Station as a Preset


- 1 With the **DAB** source selected, change the stereo to a DAB station.
  - 2 Select  > **Browse** > **Presets** > **Save Current**.
- TIP:** You can quickly save the selected DAB station as a preset by holding .

## Selecting a DAB Preset from a List

Before you can select a DAB preset from a list, you must save at least one DAB station as a preset.

- 1 Select the **DAB** source.
- 2 Select  > **Browse** > **Presets** > **View Presets**.
- 3 Select a preset from the list.

## Removing DAB Presets

- 1 With the **DAB** source selected, select  > **Browse** > **Presets**.
- 2 Select an option:
  - To remove one preset, select **Remove Preset**, and select the preset.
  - To remove all presets, select **Remove All Presets**.



## Connecting an Auxiliary Device

You can connect various auxiliary devices to the stereo. These devices have either RCA connectors, a line output, or a headphone output jack.

- 1 Locate the auxiliary connectors on the stereo.
- 2 If necessary, connect an RCA-to-3.5 mm adapter cable to the auxiliary device.
- 3 Connect the auxiliary device to the RCA connectors on the device.

## Additional Settings

The available settings vary based on the source selected.

### Bluetooth Settings

When a compatible Bluetooth smartphone or media player is paired and connected to your FUSION MS-BB300 stereo, you can play media and change options using the remote control.

From the Bluetooth source, select .

**Discoverable:** Allows the FUSION MS-BB300 stereo to be discovered by a Bluetooth smartphone or media player when pairing.

**Remove Device:** Removes a saved, paired Bluetooth smartphone or media player from the FUSION MS-BB300 stereo.

### iPhone® and iPod® Settings

When a compatible iPhone or iPod is connected to the USB port of your stereo, you can play media and change options using the remote control.

From the iPod source, select  > **iPod Settings**.

**Repeat:** Sets the repeat method for the track or playlist.

**Shuffle:** Sets the shuffle method for the tracks or album.

### MTP Settings

When a compatible MTP device, such as an Android smartphone, is connected to the USB port of your stereo, you can play media and change options using the remote control.

From the MEDIA source, select .

**Repeat:** Sets the repeat method for the track or playlist.

**Shuffle:** Sets the shuffle method for the tracks or album.

### USB Settings

When a compatible USB flash drive is connected to the USB port of your stereo, you can play supported audio formats and change options using the remote control.

From the USB source, select .

**Repeat:** Sets the repeat method for the track or folder.

**Shuffle:** Sets the shuffle method for the tracks or folder.

### FM and AM Settings

In addition to changing stations, you can manage your preset stations using the remote control.

From the FM or AM source, select  > **Presets**.

**Save Current:** Saves the currently playing station as a preset.

**Remove Preset:** Allows you to remove one or all preset stations from the device.

**TIP:** You can quickly save the selected station as a preset by holding **▶||**.

### General Settings

Select  > **Settings**.

**NOTE:** When an option button is filled, the option is on. When the button is clear, the option is off.

**NOTE:** Not all options and settings are available for all stereos. See the stereo owner's manual for more details.

**Zone:** Enables you to configure the speaker zones.

**Zone > Tone:** Adjusts the bass, middle, and treble tones.

**LCD:** Sets the brightness and contrast.

**Power Save:** Enables and disables the backlight power-save feature.

**Key Sound:** Enables and disables the sound.

**Wake with Stereo:** Turns on the remote when the stereo is turned on by an MFD.

**NMEA Monitor:** Sets the data to view, the data display cycle, and the units of measure for NMEA 2000 data from a connected FUSION-Link compatible multi-function display (MFD).

**Language:** Sets the language used on the remote.

**Searching:** Enables FUSION Alpha Search Technology (FAST), which allows you to quickly search for tracks by letter or number. If your iPhone, iPod, or MTP media source contains more than 100 artists, songs, or albums, you can enable a fast search to quickly navigate by letter or number. The Off option turns off FAST searching and displays artist, album, and song lists using the default layout. The 100-800 options display lists using the FAST search menu.

**Tuner Region:** Sets the region used by the FM, AM, DAB, or SiriusXM source.

**Tel Mute:** Sets the behavior of the mute wire. The device can either mute the audio or switch to the AUX input when the optional mute wire is activated.

**ARTWORK:** Shows or hides the album cover artwork on a connected FUSION-Link compatible multi-function display (MFD).

**NOTE:** Album art cannot be shown on a remote control or when the media player is connected using Bluetooth technology.

**Sources:** Remove sources you do not want to see in the source list.

**Set Device Name:** Assigns a name to a connected stereo.

**Stereo:** Assigns the remote control to a connected stereo.

**Update:** Updates the connected stereo, remote control, or accessory.

**Update > Factory Reset:** Resets the connected stereo settings to factory default values.

**About:** Shows the installed software version of the entertainment system and the remote.

### Zone Settings

You can adjust the settings for each available zone using the remote control. Each zone has different settings you can adjust.

Select  > **Settings > Zone**.

**Tone:** Sets the bass, mid, and treble for all zones.

**Assign:** Assigns the remote control to a single zone or to all zones.

**Internal Amplifier:** Selects the internal stereo amplifier or an external amplifier.

### Zone 1 Settings

Select  > **Settings > Zone > Zone 1**.

**Balance:** Sets the left and right balance of the zone.

**Volume Limit:** Sets the maximum volume for the zone.

**Set Zone Name:** Assigns a name to the zone.

## Zone 2 Settings

Select  > **Settings** > **Zone** > **Zone 2**.

**Enable:** Enables and disables the zone.

**Link to Zone 1:** Enables zone 2 to use the same volume settings as zone 1.

**Balance:** Sets the left and right balance of the zone.

**Volume Limit:** Sets the maximum volume for the zone.

**Set Zone Name:** Assigns a name to the zone.

## Zone 3 Settings

Select  > **Settings** > **Zone** > **Zone 3**.

**Enable:** Enables and disables the zone.

**Balance:** Sets the left and right balance of the zone.

**Volume Limit:** Sets the maximum volume for the zone.

**Sub Filter:** Sets the frequency filter of the subwoofer.

**Sub Level:** Sets the output level of the subwoofer.


**Volume Control:** Allows the volume of this zone to be controlled by another amplifier or stereo and provides a fixed line-level output when the option button is cleared.

**Set Zone Name:** Assigns a name to the zone.

## Assigning the Remote to a Zone

1 Select  > **Settings** > **Zone** > **Assign**.

2 Select a zone or all zones.

3 Select  to exit the menu.

# Appendix

## Registering Your FUSION MS-BB300

Help us better support you by completing our online registration today.

- Go to [www.fusionentertainment.com](http://www.fusionentertainment.com).
- Keep the original sales receipt, or a photocopy, in a safe place.

## Troubleshooting

### The stereo does not respond to key presses

- Turn off power to the stereo for two minutes to reset the stereo.

### SiriusXM Troubleshooting

Advisory	Description	Resolutions
Check Antenna	The radio has detected a fault with the SiriusXM antenna. The antenna cable may be disconnected or damaged.	<ul style="list-style-type: none"><li>• Verify that the antenna cable is connected to the SiriusXM Connect Vehicle Tuner.</li><li>• Inspect the antenna cable for damage and kinks. Replace the antenna if the cable is damaged. SiriusXM products are available at your local car audio retailer, or at <a href="http://www.shop.siriusxm.com">www.shop.siriusxm.com</a>.</li></ul>
Check Tuner	The stereo is having difficulty communicating with the SiriusXM Connect Vehicle Tuner. The tuner may be disconnected or damaged.	Verify that the SiriusXM Connect Vehicle Tuner cable is connected securely to the stereo.
No Signal	The SiriusXM Connect Vehicle Tuner is having difficulty receiving the SiriusXM satellite signal.	<ul style="list-style-type: none"><li>• Verify that your vessel is outdoors with a clear view of the sky.</li><li>• Verify that the SiriusXM antenna is mounted securely to the vessel.</li><li>• Remove obstructions above or next to the SiriusXM antenna.</li><li>• Inspect the cable antenna for damage and kinks. Replace the antenna if the cable is damaged. SiriusXM products are available at your local car audio retailer or at <a href="http://www.shop.siriusxm.com">www.shop.siriusxm.com</a>.</li><li>• Consult the SiriusXM Connect Vehicle Tuner installation manual for more information on antenna installation.</li></ul>
Subscription Updated	The radio has detected a change in your SiriusXM subscription status.	<ul style="list-style-type: none"><li>• Select any button to clear the message.</li><li>• Go to <a href="http://www.siriusxm.com">www.siriusxm.com</a> or call 866-635-2349 with questions about your subscription</li></ul>

### The stereo keeps locking up when connected to an Apple device

- Press and hold the power button to reset the stereo.
- Reset the Apple device. Go to [www.apple.com](http://www.apple.com) for more information.
- Make sure you have the latest version of iTunes® and the latest operating software on your Apple device.

### The stereo is not finding my connected Apple device

- Make sure you have the latest version of iTunes and the latest operating software on your Apple device.
- Make sure you have the latest version of the FUSION-Link™ application on your Apple device.
- Reset the Apple device.  
Go to [www.apple.com](http://www.apple.com) for more information.
- Contact your FUSION dealer or send an email to FUSION from [www.fusionentertainment.com](http://www.fusionentertainment.com).

### My Bluetooth audio is interrupted by short breaks

- Ensure the media player is not covered or obstructed. Bluetooth technology performs best with line-of-sight operation.
- Bring the media player within 10 m (33 ft.) of the stereo.
- Turn off the **Discoverable** setting after pairing a Bluetooth device to the stereo.

### The stereo does not display all song information from my Bluetooth source

The availability of song information such as song title, artist name, track duration, and album cover artwork depends on the capability of the media player and music application.

Album cover artwork and shuffle and repeat status icons are not supported by Bluetooth technology.

Advisory	Description	Resolutions
Channel Not Available	The channel you requested is not a valid SiriusXM channel, or the channel that you were listening to is no longer available. You may see this message briefly the first time you connect a new SiriusXM Connect Vehicle Tuner.	Go to <a href="http://www.siriusxm.com">www.siriusxm.com</a> for more information about the SiriusXM channel lineup.
Channel Not Subscribed	The channel you requested is not included in your SiriusXM subscription package, or the channel you were listening to is no longer included in your SiriusXM subscription package.	Go to <a href="http://www.siriusxm.com">www.siriusxm.com</a> or call 866-635-2349 for more information about your subscription package or to subscribe to the channel.
Channel Locked	The channel you requested is locked by the parental control feature.	Refer to the parental control section in the manual to unlock channels.

## Supported NMEA 2000 PGN Information

PGN Number	Data Field
127250	Heading sensor reference: <ul style="list-style-type: none"> <li>• 0: True</li> <li>• 1: Magnetic</li> </ul>
128259	Water speed reference: <ul style="list-style-type: none"> <li>• 00: Paddle wheel</li> <li>• 01: Pitot tube</li> <li>• 02: Doppler log</li> <li>• 03: Correlation log (ultrasound)</li> <li>• 04: Electromagnetic (EM) log</li> </ul>
128267	Water depth: <ul style="list-style-type: none"> <li>• Offset add or subtract</li> </ul>
129025	Position: <ul style="list-style-type: none"> <li>• Latitude and longitude</li> </ul>
129026	Course Over Ground (COG) and Speed Over Ground (SOG) COG reference: <ul style="list-style-type: none"> <li>• 0: True</li> <li>• 1: Magnetic</li> </ul>
129029	Global Navigation Satellite System (GNSS) position data
129284	Navigation data: <ul style="list-style-type: none"> <li>• ETA date</li> </ul>
130306	Wind data reference: <ul style="list-style-type: none"> <li>• 0x02 : Apparent wind (relative to the vessel centerline)</li> </ul>
130310	Water temperature and air pressure
130311	Water temperature and air pressure
130312	Temperature and temperature source: <ul style="list-style-type: none"> <li>• - 00 : Sea temperature</li> </ul>
130314	Actual pressure and pressure source: <ul style="list-style-type: none"> <li>• 00 : Atmospheric pressure</li> </ul>
130577	Direction data and COG reference: <ul style="list-style-type: none"> <li>• 0: True</li> <li>• 1: Magnetic</li> </ul>

# Index

## A

AM [3](#)  
Android device [2, 3](#)  
Apple device [2, 6](#)  
auxiliary input [5](#)

## B

backlight [1](#)  
Bluetooth devices [2, 5](#)

## D

DAB [3, 4](#)  
device, registration [6](#)

## F

FM [3](#)

## I

iPod [5](#)

## K

keys [5](#)

## L

language [5](#)

## M

media player  
    radio [4](#)  
    remote control [4](#)  
MTP [2, 3, 5](#)

## N

NMEA 2000 [2](#)

## P

presets [3, 4](#)  
    DAB [4](#)  
product registration [6](#)

## R

radio  
    AM [3, 5](#)  
    FM [3](#)  
    SiriusXM [3, 4, 6](#)  
registering the device [6](#)  
remote control, media player [4](#)

## S

SiriusXM [3](#)  
    Satellite Radio [3, 4, 6](#)  
SiriusXM Satellite Radio [4](#)  
source [2](#)  
speaker zones [1](#)

## T

tone [5](#)

## U

USB [2, 3, 5](#)  
    flash drive [2, 3](#)

## V

volume, adjusting [1](#)

## Z

zones, setting [5, 6](#)



## FUSION SUPPORT

New Zealand	09 369 2900
Australia	1300 736 012
Europe	+44 (0) 370 850 1244
USA	623 580 9000
Pacific	+64 9 369 2900



**FUSION**<sup>®</sup>  
FUSIONENTERTAINMENT.COM