

# FUSION®

USER / INSTALLATION  
MANUAL **ADDENDUM**

## MS-RA205 TRUE MARINE STEREO



## INTRODUCTION

This addendum provides an overview of new features introduced to the MS-RA205 FUSION stereo. The new features include the addition of Bluetooth and Media Transport Protocol (MTP) audio sources.

MTP is a standard developed for connecting media (music) devices over USB. It has been adopted on a number of platforms including Android and Windows Phone. FUSION currently supports a range of smartphones utilising MTP.

Refer to **[www.fusionelectronics.com](http://www.fusionelectronics.com)** for the latest list of support devices.

## CONNECTING YOUR IPOD, MTP DEVICE OR USB FLASH DRIVE.

The MS-RA205 provides an external USB connector (rear connector) for connection to external media devices or FUSION UNI-Dock (MS-UNIDOCK).

To connect your device, you will need:

- Marine UNI-Dock (MS-UNIDOCK), or
- Apple Sync Cable for Apple devices or the Micro-USB cable for your MTP device.

To connect your iPod, MTP device or USB FLASH drive to the MS-RA205 via a UNI-Dock:

**IMPORTANT NOTE: ONLY PHONES AND DEVICES THAT FEATURE BOTTOM MOUNTED CONNECTORS ARE SUPPORTED. DEVICES WITH SIDE CONNECTORS ARE NOT SUPPORTED.**

1. Slide the door catch and open the door of the UNI-Dock.
2. To connect your Apple or MTP device, first select the appropriate adaptor cable, provided with the UNI-Dock. Slide out the tray and using the adaptor cable connect your device to the internal USB connector. Place your device in the tray and slide the tray back into the UNI-Dock. Close the door firmly.
3. To connect your USB FLASH drive insert it directly into the USB internal connector.
4. Select the source (USB, MTP or iPod) from the FUSION Stereo, as required.



**To connect your iPod, MTP device or USB FLASH drive via the rear USB connector:**

1. Plug the Apple Sync Cable for Apple devices or the Micro-USB cable for your MTP device into your device.
2. Connect your device to the USB connector located at the rear of the stereo.
3. Select the source (USB, MTP or iPod) from the FUSION Stereo, as required.

## CONNECTING A BLUETOOTH MEDIA DEVICE.

The external MS-BT200 Bluetooth module is designed to provide Bluetooth audio streaming from a compatible smartphone or media player directly to your FUSION marine stereo. The MS-BT200 is connected to the Satellite Radio (SiriusXM) connector of your stereo.

**Note:** The MS-BT200 cannot be operated simultaneously with a Satellite Radio (SiriusXM) receiver. For installations where the Satellite Radio (SiriusXM) socket is not available the FUSION MS-BT100 audio only Bluetooth module is recommended.



The MS-BT200 supports control (Play/Pause/Next/Back) of the media device from the FUSION Stereo. Song information such as song title, artist name and duration are displayed, depending on the capability of your phone and music application.

The MS-BT200 does NOT provide phone call control. Hands free operation of the phone is not supported from the FUSION stereo.

### Selecting the Bluetooth Source on the MS-RA205

Once you have installed the MS-BT200 you will need to enable the Bluetooth source. This operation will be determined by the Tuner region you have selected.

#### Tuner Region - USA

When USA Tuner region is selected, press the menu button and select Settings→Sources→Accessory then select the source to enable SiriusXM or Bluetooth.

#### Tuner Region - Australasia-Europe-Japan

In these Tuner regions once the MS-BT200 is installed and connected the source will be available.


### Please refer the MS-BT200 Installation Instructions for the following:

- Installing the MS-BT200 Bluetooth Module
- Bluetooth Pairing
- Choosing a Device from the paired list

## PLAYING CONTENT

Before you can use your media device as an input source you must first connect the device to the FUSION stereo as described in the previous section.

To listen to audio from your iPod, MTP device, Bluetooth device or USB FLASH drive:

MS-RA205	 SOURCE	Press the Source key. Keep pressing the key until the iPod USB, Bluetooth or MTP source screen is displayed.
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### iPod, MTP, Bluetooth and USB Source Screens

An example of a typical input source screen;



**Note:** The availability of song information such as song title, artist name, track duration and album cover artwork is dependent on the capability of your phone and music application. Album cover artwork and Shuffle/Repeat Status icons are not supported over Bluetooth.

## CONTROLLING PLAYBACK

### Initial Song Title Loading From MTP Devices

Following connection to the USB connector, the FUSION stereo will download the full list of song names from the device to create 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 will be displayed during this process.

Other sources can be selected while this process is underway. The file name download and indexing will continue as a background task.

**Note:** Your entire music collection may not be available for playback. Only audio tracks stored in MP3 or M4A format are indexed.

### Music Folder Structure

FUSION recommends that folders contain no more than 300 files each. Exceeding this limitation may cause the phone to become unresponsive and the FUSION Stereo to reset the USB link to the phone.

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

My Music  
My\_Music  
mobile  
Music

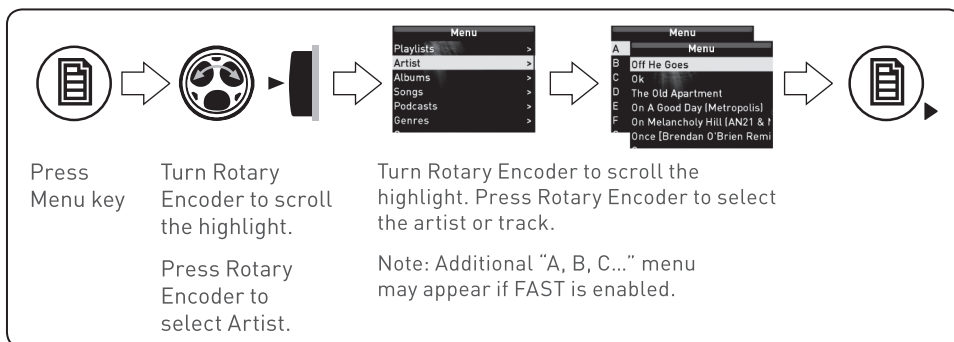
SD cards may be used on devices that support them. Songs may be copied to both the phone's internal memory and the external memory. The rules regarding folder naming apply to both memory types.

### Selecting audio tracks from a MTP media device

Songs stored in MP3 and M4A format (see note below) can be played on the FUSION Stereo. The FUSION Stereo will display your music collection in groupings of Songs, Albums and Artists allowing you to browse in these categories. In addition to the above groupings your music collection can be browsed according to the folder structure on your device. The root folder for each storage memory on your device memory will be displayed in the Settings menu, for example; PHONE, CARD, etc. Storage card locations on phones are also supported.

**Note:** Different operating systems and phones provide varying levels of support for MTP. Please refer to [www.fusionelectronics.com](http://www.fusionelectronics.com) for device compatibility information.

Select tracks using one of the above groupings (Artist in this example):






### Browsing Music Collections Over Bluetooth Not Supported

Browsing music collections from the FUSION Stereo is not supported over Bluetooth. Initial song and Playlist selection must be done on the media device. However the FUSION Stereo does provide basic playback control with the Play / Pause, Next and Previous keys. Forward and Rewind functions are not supported.

## CONTROLLING BLUETOOTH AND MTP PLAYBACK

You can control playback with the Play / Pause, Next and Previous keys. The selected track starts playing automatically.

If you want to:	Use:	Notes:
Play / Pause a track	 Play / Pause	<ul style="list-style-type: none"><li>• Press the key to pause the current track. The pause icon (■ ■) is displayed top right in the input source screen.</li><li>• Press the key again to resume play. The play (▶) icon is displayed in the input source screen.</li></ul>
Skip	 Next  Previous	<ul style="list-style-type: none"><li>• Press the key to skip to the start of the next track.</li><li>• Press the key to skip to the start of the current track.</li><li>• Press the key twice to skip to the start of the previous track.</li></ul>

# SETTINGS

## MTP Settings

To change a setting in the MTP settings menu:

1. Press the Menu key while the MTP Source screen is displayed.
2. Turn and then press the Rotary Encoder to select one of the following settings to change.

## Repeat

- Repeat On/Off. Repeat mode is turned on/off (not supported on all devices)
- Shuffle On/Off. Random play shuffle is turned on/off (not supported on all devices)

## Bluetooth Settings

To change a setting in the Bluetooth settings menu:

1. Press the Menu key while the BT Source screen is displayed.
2. Turn and then press the Rotary Encoder to select one of the following;

### • List of Paired Bluetooth media devices.

To connect to an active device on the Paired Devices list rotate the rotary encoder to select the device. Press the rotary encoder to select the check box.

The device must be turned on, with Bluetooth on and not connected to another Bluetooth device, otherwise it will not connect.

### • Discoverable Off/On.

Enable this option to make the BT-200 Bluetooth module discoverable to Bluetooth media devices. Press the encoder to select/deselect the check box.

Note: To prevent interruption to audio streaming over Bluetooth it is recommended that the Discoverable feature is turned off after pairing your device to the FUSION Stereo.

### • Remove Devices.

Select this option to display the current list of paired devices. Select the device to be removed by rotating and pressing the rotary encoder.



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