

# **MP3 WMA Wireless FM Transmitter User Manual**

## **FCC NOTE:**

**THE MANUFACTURER 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.**

**This device complies with Part 15 of the FCC Rules.**

**Operation is subject to the following two 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.**

Dear Customer,  
**CONGRATULATIONS.** The VRFM8BLN FM Modulator with built-in MP3 player, when used as described, will give you years of dependable service in your car, truck, RV or mini-van. We have taken numerous measures in quality control to ensure that your product arrives in top condition, and will perform to your satisfaction. In the rare event that your VRFM8BLN FM Modulator with built-in MP3 player contains a damaged or missing item, does not perform as specified, requires warranty service or you have an installation problem, **DO NOT RETURN THIS PRODUCT TO THE STORE. PLEASE CALL OUR TOLL-FREE NUMBER FROM THE U.S.A. AND CANADA 1-800-445-1797** and ask to speak with a member of our technical service team, or submit your questions by e-mail to [customerservice@vr-3.com](mailto:customerservice@vr-3.com) and a member of our technical service team will respond by e-mail to your questions. Our in-house technical service team will expedite delivery of your part, advise you on installation, or help troubleshoot a problem with you. If your product needs warranty service, our technical service team representative will help you obtain the fastest remedy possible under the warranty.

## Features & Functions

This set complies as of date of manufacture with FCC rules and regulations Part 15, Subpart C

### 1. Red LED

The small round LED indicates that the unit has power. When playing MP3's stored on USB flash drive, the Red LED will flash to indicate when an MP3 file is playing.

### 2. Broadcasting Frequency LED

Pressing the channel frequency button will cycle through the 12 pre-set broadcasting frequencies. The frequency that the VRFM8BLN is broadcasting on will be shown here. VRFM8BLN remembers the last broadcast frequency.

### 3. Next Track & Volume Increase

(USB flash memory only)

Press this button once to advances the playback of MP3 files to the next track. Pressing and holding this button will increase the volume of the MP3 files being played.

### 4. Channel Button

Pressing this button will change the frequency that the VRFM8BLN broadcasts on. VRFM8BLN remembers the last broadcast frequency.

### 5. Previous Track & Volume Decrease

(USB flash memory only)

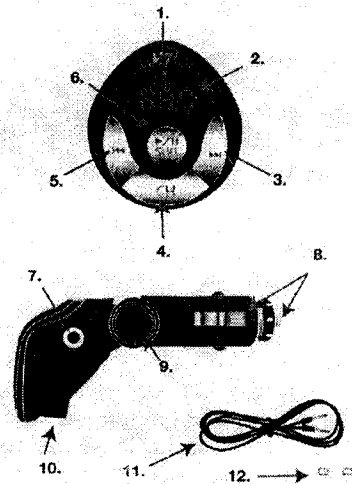
Press this button once to return to the previous MP3 file played. Pressing and holding this button will decrease the volume of the MP3 files being played.

### 6. Play/Pause/Shuffle

(USB flash memory only)

Press this button once to start playing an MP3/WMA file stored on the USB flash drive. Press this button again to pause play. Pressing and holding this button will put the VRFM8BLN into shuffle mode. In shuffle mode, files will be played at random. The VRFM8BLN remembers the last song played.

The VRFM8BLN is not compatible with Digital Rights Management



### 7. 2.5mm Stereo Input Jack

Use this jack to connect various audio devices to the VRFM8BLN via the head-phone jack of any MP3/WMA player, DVD player, or CD player.

### 8. 12 Volt DC Adaptor End

Insert the 12 Volt DC Adaptor End into the vehicle's 12 Volt cigarette lighter socket or 12 Volt power outlet to supply power to the unit.

### 9. Six Position Flexible Joint

Six positions make it easier to access the VRFM8BLN's memory slot and enables you to angle the LED for better viewing.

### 10. USB Flash Memory Slot

Insert a USB flash drive that contains MP3/WMA files for playback.

### 11. 3 Foot Audio Cable with 2.5mm and 3.5mm Plugs

Use this cable to connect various audio devices to the VRFM8BLN.

### 12. Spare 0.5 amp Fuse

# USB Flash Memory Drive Operation

The VRFM8BLN is not compatible with Digital Rights Management

1. Start the Vehicle's engine without the VRFM8BLN in the cigarette lighter socket. Starting the engine with the VRFM8BLN plugged in may cause it damage.

Then plug the 12 Volt adaptor end of the VRFM8BLN Modulator into the vehicle's 12 Volt cigarette lighter socket or 12 Volt Power Outlet.

2. The Red Power LED will light up indicating the unit has power and the LED for the radio frequency will show 88.1, the first FM pre-set radio frequency.

3. Insert a USB flash drive with MP3/WMA audio files, that do not have Digital Rights Management with a bitrate of 128 Kb per second or less. Save the files on the disk "loose" and not in folders.

4. Press the Channel Button to select one of the following 12 FM Presets that is not being used by any local radio stations. VRFM8BLN remembers the last broadcast frequency used.

88.1, 88.3, 88.5, 88.7, 88.9, 106.7, 106.9, 107.1, 107.3, 107.5, 107.7, 107.9

5. Press the Play/Pause/Shuffle button to play the first MP3/WMA file on the flash drive. The Red LED will flash to indicate the MP3/WMA player is working. Press and hold the Play/Pause/Shuffle to play files in shuffle mode, files will play at random in shuffle mode.

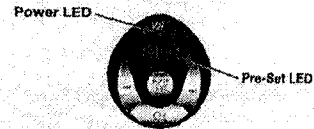
6. Press the Next Track/Volume Up Button once to advance the to the next track. Pressing and holding this button will increase the volume of the MP3/WMA files being played. Too high a volume will cause distortion. If you hear distortion, decrease the volume on the VRFM8BLN, then increase the radio's volume.

7. Press the Previous Track/Volume Down Button once to return to the previous MP3/WMA file played. Pressing and holding this button will decrease the volume of the the MP3/WMA file being played.

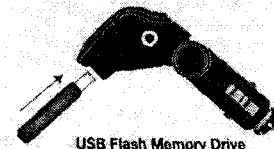
Take the VRFM8BLN out of the cigarette lighter socket before starting the engine! Failure to remove the VRFM8BLN before starting the engine may result in damage!



To 12 Volt Cigaretter Lighter Socket  
or  
12 Volt Power Outlet



Power LED  
Pre-Set LED



USB Flash Memory Drive  
Must be formatted as FAT or FAT32



Channel Button



Play/Pause/Shuffle Button



Next Track/Volume Up Button



Previous Track/Volume Down Button

# Audio File Conversion to MP3/WMA Format

## What if my audio files are not in MP3/WMA format?

Several websites contain software for users of PCs and MACs to convert various audio files to MP3/WMA compatible files. The websites listed below are provided for informational purposes only and the inclusion herein shall not be considered as an endorsement or recommendation by Virtual Reality Sound Labs® of these entities, products or service to which they link. Similarly, omissions of other websites offering similar products or services are not intended to indicate non-endorsement or disapproval of such sites.

www.nonags.com, www.tucows.com, www.cnet.com, www.superfiles.com,  
www.jumbo.com, www.freewarehome.com, www.panic.com, www.freewareweb.com

Virtual Reality Sound Labs™ is not responsible for the content and usefulness of the information found on the above-listed websites and you hereby waive any claims against Virtual Reality Sound Labs® regarding the quality, suitability for any particular purpose, merchantability or the legality of any such websites, products or services.

# MP3, CD, DVD Player Operation

1. Remove the USB flash drive from the VRFM8BLN before using with MP3/WMA, CD, or DVD player.

2. Plug the 12 Volt adaptor end of the VRFM8BLN Modulator into the vehicle's 12 Volt cigarette lighter socket or 12 Volt Power Outlet.

3. The Red LED will light up indicating the unit has power, and the station pre-set LED will show the first pre-set 88.1.

4. Insert the 3.5mm plug of the supplied audio cable into the stereo headphone jack of an MP3/WMA, CD, or DVD player. Insert the 2.5mm plug of the cable into the 2.5mm stereo jack on the side of the VRFM8BLN.

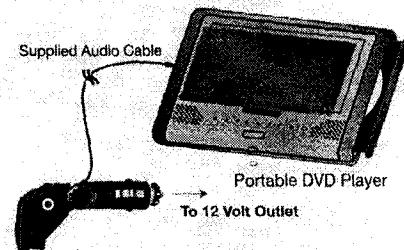
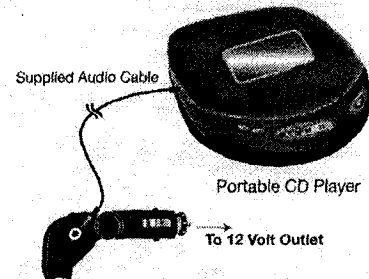
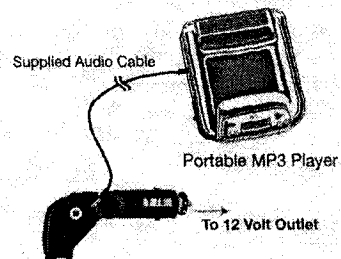
5. Press the Channel Frequency Button to select one of the following 12 FM Presets that is not being broadcast on by any local radio stations.

88.1, 88.3, 88.5, 88.7, 88.9, 106.7, 106.9,  
107.1, 107.3, 107.5, 107.7, 107.9

6. Tune your car stereo to the same FM frequency that the VRFM8BLN is broadcasting.

7. Press the Play Button on the player that you connected to the VRFM8BLN.

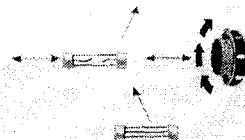
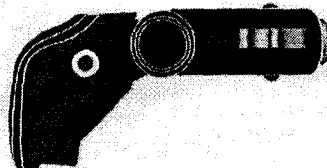
8. The Music/Audio will transmit from VRFM8BLN to the vehicle's stereo system.



# Changing the Fuse

Take the VRFM8BLN out of the cigarette lighter socket before starting the engine!  
Failure to remove the VRFM8BLN before starting the engine may result in damage!

Remove & Discard Bad Fuse



Twist The  
Tip Of The  
Adaptor End  
To Remove  
The Fuse

0.5 Amp Replacement Fuse (supplied)