



**Model RR-FM**

# **Owner's Manual**

**Version 1.1**



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## Table of Contents

Introduction	... ..	Page 3
Inputs and Outputs	... ..	Page 4
Important Stuff to Know	... ..	Page 6
Disclaimer and Legal	... ..	Page 7
Warranty and Guarantee	... ..	Page 8

# Introduction

Congratulations and thank you for purchasing the American-made RediRad-FM™ (model RR-FM) from Brew City Engineering, Inc.

For the first time, you have the freedom to listen to your tunes on your terms. The RediRad-FM™ will enable you to enjoy either broadcast radio signals or the music from any number of portable music players through the existing audio system in almost any vehicle.

The RediRad-FM™ is compatible with any vehicle having both a 12 volt, negative-ground electrical system and an audio system with an FM band.

If after reading this manual, you have additional questions or concerns about installation or usage, please contact us by email or telephone using the information on the back page.

Finally, we are confident that you will enjoy years of trouble-free service from your RediRad-FM™. By all means, enjoy the drive as you rediscover your radio!

Respectfully,

~Matthew Planning  
RediRad™ Inventor

## Inputs, outputs and hooking everything up ...



*Figure 1: RediRad-FM™ Cable Connections*

- 1** This cable has a 1/8" (3.5mm) stereo male plug. Insert it into the headphone socket on your portable music player.
- 2** This cable pair connects to vehicle power and ground.
  - Connect the RED wire to a point on the fuse panel that is energized when the radio is energized.
  - Connect the BLACK wire to the vehicle ground.
- 3** Unplug the fender antenna cable from the radio, then insert this cable into your radio's antenna jack.  
NOTE: some newer vehicles may require connector adapters (not included).
- 4** Plug the fender antenna cable into here.  
NOTE: some newer vehicles may require connector adapters (not included).

## Now hear this...Now hear this!

IMPORTANT! Install your RediRad-FM™ so that it does NOT cause obstruction with, or interference to, the accelerator, brake or clutch pedals.



With the radio turned on, **tune to 91.1 MHz on the FM band.** (HINT: Program this frequency as a preset for quick access.)

Insert the audio-input plug into your portable music source's HEADPHONE socket (or LINE OUT if there is no headphone jack).

Set your portable music source's VOLUME level to about half-way (50% of maximum).

Press PLAY. Your RediRad-FM™ will detect the audio automatically.

All broadcast signals on 91.1 MHz (if any) will disappear within a few seconds, making way for your music. Broadcast 91.1 MHz will return after 20 sec of undetected audio from your portable source.

If your music is sounding distorted, lower the portable music source volume until it is clear. If you lower it too far and your RediRad-FM™ unintentionally changes back to the radio either during or between songs, increase the portable music player's volume slightly. Adjust if needed.

Your RediRad-FM™ will automatically return to normal broadcast radio reception after turning off your portable music player for 20 seconds.

**iPod owners: The "embedded volume limit" is set very low when it leaves the factory. You may need to increase it for best results. Refer to your owner's manual to increase the Volume Limit.**

## **Other important stuff that you need to know ...**

Once again, it is critically important that you install your RediRad-FM™ so that it does NOT cause obstruction with, or interference to, the accelerator, brake or clutch pedals.

Installing a RediRad-FM™ in most vehicles should take a person with prior experience and the proper tools less than one hour.

**PLAY IT SAFE:** If installing your RediRad-FM™ is beyond your abilities, either get assistance from a friend or have it professionally installed.

Although your RediRad-FM™ will perform the same regardless of physical orientation, it's a good idea to keep it from getting too hot. We recommend mounting your RediRad-FM™ out of direct sunlight and away from heater or defroster outlets.

Because the RediRad-FM™ is not a wireless modulator it will not interfere with other radios or electronic systems on the vehicle.

If you have difficulty installing or using your RediRad-FM™, we will do what we can to help. However, please understand that the RediRad-FM™ can only operate properly with a healthy vehicle electrical system.

## **Ah, the Legal Mumbo-Jumbo...**

Seriously, we have made every attempt to provide a fail-safe, useful accessory that will enhance your life for years to come. However, Brew City Engineering, Inc., assumes no liability for the use of this product.

In other words, you (the RediRad-FM™ user) shall hold harmless Brew City Engineering, Inc., (including its members, employees or investors) and assume full responsibility for any and all damage incurred to people, vehicles or other property while operating a vehicle equipped with a RediRad-FM™.

***By installing and/or using this product, you fully agree to all of the above terms.***

## **Parts and Labor Warranty**

### **LIMITED ONE-YEAR PARTS AND LABOR WARRANTY THAT COVERS YOUR RediRad-FM™ BY BREW CITY ENGINEERING, INC., EFFECTIVE FROM ORIGINAL INVOICE DATE.**

THIS WARRANTY APPLIES TO THE RediRad-FM™ (THE UNIT) THAT IS THE SUBJECT OF THIS SALE AND IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED. THIS WARRANTY DOES NOT APPLY TO ANY ACCESSORY THAT IS NOT A PART OF THE UNIT AS SHIPPED BY BREW CITY ENGINEERING, INC. THIS WARRANTY APPLIES ONLY TO THE ORIGINAL EQUIPMENT SHIPPED FROM BREW CITY ENGINEERING, INC.

BREW CITY ENGINEERING, INC., (the "Company") of Delafield, Wisconsin, warrants that the unit is free from defects in materials and workmanship and will operate properly under normal use and service, for the twelve-month period following the invoice date.

WARRANTY Coverage includes repair or replacement, at the Company's option, of any defective parts that fail under normal use for the first 365 days after the invoice date under the terms, conditions and limitations of the warranty. All defective parts shall be returned to the Company at the Owners expense.

BREW CITY ENGINEERING, INC., reserves the right to impose an inspection charge and/or a restocking fee in cases where parts or equipment have been improperly returned as either defective and/or as being under warranty.

WARRANTY coverage also includes Labor Charges on all covered repairs performed by BREW CITY ENGINEERING, INC., in accordance with the terms, conditions and limitations of the warranty. Extra charges such as installation fees, or shipping are not covered.

## Sixty-Day Money Back Guarantee

We are confident that you will enjoy your RediRad-FM™ as you rediscover your radio. However, if you are dissatisfied with its performance or our claims, you may return it within 60 days of your invoice date for a full refund minus return postage and a 25% restocking fee, if applicable (see next paragraph for details).

**The RediRad-FM™ must be returned in as-new and sellable condition to ensure full credit. We will deduct a 25% restocking fee to units returned showing visible wiring, enclosure or label damage or modifications.**

***Brew City Engineering will not acknowledge returns without prior communication from you.***

**IN NO EVENT SHALL THE COMPANY'S MAXIMUM LIABILITY EXCEED THE SELLING PRICE OF THE UNIT CLAIMED TO BE DEFECTIVE.**

As a condition precedent to the Company's obligation under this WARRANTY, it shall be the obligation of the Owner during the designated WARRANTY period to furnish the following information to the Company within the return period failure: 1) Serial Number of unit involved, 2) A full and complete description of the problem encountered with the unit. Upon receipt of the above information, the Company will reply to the Owner within a period not to exceed fifteen working days, with a description of the action the Company desires to take.

This WARRANTY is valid from the invoice date of unit shipment to the original purchaser.

If your RediRad™ requires service, please email or call Brew City Engineering for shipping and packaging instructions.



# brew city engineering, inc.

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