

## SPECIFICATIONS

USB Supported	1.1 and 2.0
Full frequency points	88.1, 88.3, 88.5, . . . 107.5, 107.7, 107.9MHz
Output Audio Frequency	20Hz - 20kHz
Output Frequency SNR	>90dB

## MOBILE SPEC 90 DAY LIMITED WARRANTY

This Mobile Spec product is guaranteed to be free from defects in workmanship and materials for 90 days from the purchase date. Within 90 days of purchase, the product (along with proof of purchase date) may be returned to Mobile Spec, 1875 Zeager Road, Elizabethtown, PA 17022, freight prepaid and we will repair it, or at our option, replace it at no additional charge.

Limitations of this warranty include: implied warranties, payment for loss of time, inconvenience, loss of use of your product or property damage caused by your product or its failure to work, or any other incidental or consequential damages including personal injury. This warranty does not include defects resulting from accidents, damage while in transit to our location, unauthorized repairs, misuse, fire, flood, or acts of God.

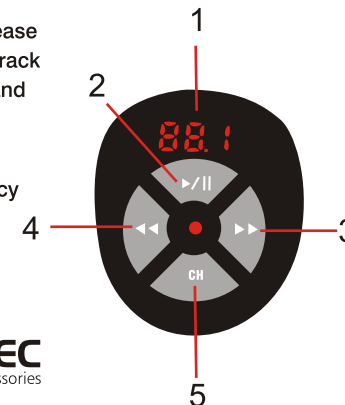
When returning products to Mobile Spec please repackage in original boxes and send along with your name, address, phone number, proof of purchase date (register receipt), and a description of the operating problem.

# Owner's Guide

## MSF-9 Wireless FM Transmitter with USB and Audio Inputs

### Features & Functions

- 1 Frequency Display**  
Shows which frequency the transmitter will broadcast over.
- 2 Play/Pause Button**  
Press this button once to start playing, press again to pause.
- 3 Next Track/ Volume Increase**  
Pressing advances tracks (USB device only).  
Pressing and holding increases volume.
- 4 Previous Track/ Volume Decrease**  
Pressing returns to previous track (USB device only). Pressing and holding decreases volume.
- 5 Channel Frequency Button**  
Pressing the channel frequency button will cycle through the 198 preset broadcasting frequencies.



## USB Memory Device Operation

Never start vehicle with MSF-9 plugged in to 12 volt outlet as this may damage unit.

- ▶ Start ignition and plug MSF-9 into 12 volt outlet.
- ▶ The red power led will light indicating power and 88.1 will show on the frequency display .
- ▶ Insert a USB memory device into unit. It is best to not keep the music files in folders, but directly onto drive.
- ▶ Press the Channel Frequency Button to select a clear frequency; one not being used by any local radio stations.
- ▶ Press the Play/Pause Button to begin playing files on drive.
- ▶ Use Next Track/ Volume Button or Previous Track/ Volume Buttons to navigate through desired music selections.

## Audio Device Operation

Never start vehicle with MSF-9 plugged in to 12 volt outlet as this may damage unit.

- ▶ Start ignition and plug MSF-9 into 12 volt outlet.
- ▶ Remove any USB memory device from MSF-9.
- ▶ Insert the 2.5mm cable into the headphone jack of an external audio device and the other end into the MSF-9.
- ▶ Press the Channel Frequency Button to select a clear frequency; one not being used by any local radio stations.
- ▶ Use your device as you normally would with headphones

## Changing the Fuse

- ▶ Remove MSF-9 from 12 volt outlet.
- ▶ Twist the tip of the adapter end to remove fuse.
- ▶ Replace with same rated fuse and reassemble.

## Trouble Shooting

- ▶ Unit Does Not Function: No Red LED Light
  - Car needs to be running
  - Check fuse in 12 volt power plug
  - Check vehicle fuse box
- ▶ Unit Functions, No Sound
  - Make sure USB memory drive or audio cable is securely positioned in unit
  - If using an external audio device make sure it has power and is functioning properly and volume control is turned up.
- ▶ Hear Interference from Radio Stations
  - Tune in another one of the propositioned frequencies by pushing the Channel Frequency Button

**FCC ID:V4IVM-01C**

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.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.