



VRFM9BT

Dear Customer,
 CONGRATULATIONS. The VRFM9BT Hands Free Bluetooth Car Kit MP3/WMA player & FM modulator, 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 VRFM9BT Hands Free Bluetooth Car Kit MP3/WMA player & FM modulator 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 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.

Specifications

Full Duplex Communication
 DSP (Digital Signal Processing) Technology
 Bluetooth interface Version 1.2, Class 2,
 Bluetooth frequency range: 2.402 ~ 2.480GHz
 Supported BT Profiles: HSHF, Headset, A2DP,
 Supported File Formats: MP3 & WMA
 FM transmitting range: 88.1~108.0MHz
 Operating voltage range: DC 12V~24V
 Current 2 amps
 USB Charger Output Rating: 5V DC, 500 ma
 Support: SD/MMC, USB
 Display: 1.5"LCD, 128*128 pixel
 Audio In: 3.5mm

Features & Functions

- Bluetooth car kit, compatible with all Bluetooth phones.
- CVC technology to eliminate noise and restrain echo, enjoy crystal clear sound.
- Supports Line-in, USB & SD/MMC,
- Streams music from the phone to the VRFM9BT via Bluetooth.
- Wide LCD display, supports full frequency transmitting (88.1-108.0Hz)
- EQ Mode and Repeat Mode Options.
- Supports Last Number Re-Dial and Voice Dialing
- Mute function for Private Conversations.
- Automatic Re-Connection.
- Built-in Microphone.



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.

Installation & Operation

INSTALLATION

1. Insert the VRFM9BT into the vehicle's 12 Volt cigarette lighter socket or 12 Volt power outlet.
2. Adjust the VRFM9BT's transmitting frequency to an FM channel between 88.1~108.0MHz that is not being used by any local radio stations.
3. Set your vehicle's FM radio to the same channel as the VRFM9BT.
4. The VRFM9BT is now ready to be paired with a Bluetooth enabled cell phone, transmit music played from a USB or SD/MMC memory or other audio source through the line-in.

BLUETOOTH

The VRFM9BT will not enable your cell phone to have features it does not already have. For example: If your cell phone does not support A2DP music streaming, then pairing your cell phone with the VRFM9BT will not enable your phone to stream music. See your cell phone's manual to see your cell phone's built-in Bluetooth features.

Pairing the VRFM9BT with a Bluetooth enabled cell phone

Turn your cell phone's Bluetooth Function ON.

1. Insert the VRFM9BT into the vehicle's 12 Volt cigarette lighter socket or 12 Volt power outlet. If your cell phone receives a pairing request from the VRFM9BT, then skip step 2 and go to step 3.

2. Press and hold the PLAY button on the control panel or on the remote control for 3 seconds, "Pairing" will be displayed on the screen indicating that the unit is ready to be paired.

3. Follow your cell phone's instructions for searching for a new device and pairing, when asked select "VRFM9BT" from the list of device's, then enter the passcode "0000" and confirm.

If you are using a "dongle" type Bluetooth adaptor; follow the manufacturer's instructions for that device.

4. If pairing is successful, then "Pair OK" will be displayed the screen of VRFM9BT, and the Bluetooth icon will be shown on the screen.



USB PORT & SD/MMC SLOT

The USB port and SD/MMC card slot are used to play MP3 and WMA files from USB memory and SD/MC cards that are not protected by Digital Rights Management(DRM).



The USB port can also be used to charge most electronic devices that uses a USB cable for charging.

CONTROL PANEL

EQ Button PLAY/PAUSE/PAIRING BUTTON



Pairing – Press and hold for 3 seconds, "Pairing" is displayed on the screen.

Answer a Call – Press once to answer a call.

Play – Press once to play the music under the playing mode.

Pause – Press once to pause the music.

B+ / A- BUTTONS



The B+ and A- buttons change the FM frequency while in USB/SD/MMC or Aux In mode, or they change the folder your music is played from.

Change the Frequency
 Press "B+" to advance to the next frequency.
 Press "A-" to go to the previous frequency.

Change the Folder
 Press and hold the "B+" to change to the next folder.
 Press and hold the "A-" to change to last folder or next folder.

◀◀ / ▶▶ PREVIOUS & NEXT BUTTONS

Change the Song



Press the ◀◀ button to change to previous song.
 Press the ▶▶ button to change to next song.

Change the Volume

Press and hold the ◀◀ button to lower the volume.

Press and hold the ▶▶ button to raise the volume.

RED Button (Re-dial)

(VRFM9BT must be paired with a Bluetooth cell phone)

Last Number Re-dial

Press and hold the RED button to re-dial the last number dialed out.

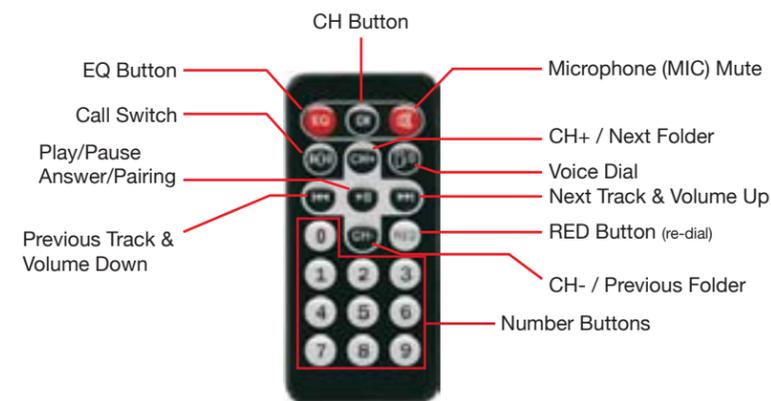
End or Reject a Call

Press and hold the RED button to end or reject an incoming call.

Transfer a Call

While speaking on the cell phone, press the RED button to transfer the call from the cell phone to the VRFM9BT.

Remote Control



EQ Button

Changes the EQ Pre-set or the repeat mode.
 Change EQ mode

Press the EQ button to change the EQ mode as follows: Normal > Rock > Pop > Classical > Live.

Change Repeat mode

Press and hold the EQ button to change the Repeat mode: ALL > SINGLE > FOLDER > NORMAL > RANDOM.

CH Button

Press the CH button while in playback mode to change the frequency the unit is transmitting on by entering the frequency with the number buttons of the remote control, or with the CH+ / CH- buttons.

CH+ / CH- Buttons

The CH+ / CH- buttons change the FM frequency or the file folder.

To change the FM frequency

Press "CH+" to advance to the next frequency.
 Press "CH-" to go to the previous frequency.

To change the Folder

Press and hold the CH+ button to change to the next folder.
 Press and hold the CH- button to change to the previous folder.

Microphone Mute Button

Mutes the VRFM9BT's microphone when you are talking on the phone.

Press the Mute button once to mute the microphone, press it again to return to normal operation.

▶▶ Play Button

Play / Pause / Answer / Pairing

In Playback mode

Press the ▶▶ button to start.
 Press the ▶▶ button to pause playback.

In Bluetooth Mode

Pairing

Press and hold the ▶▶ button for 3 seconds

to enter Pairing Mode, and "Pairing" is displayed on the screen.

Answer a Call

Press the ▶▶ button to answer a call under speaking mode.

◀◀ ▶▶ Previous & Next Buttons

Changes the track or volume

To change the track

Press the ◀◀ button to change to the previous track.
 Press the ▶▶ button to change to the next track.

To adjust the volume

Press and hold the ◀◀ button to decrease the volume.
 Press and hold the ▶▶ button to increase the volume.

Red Button

VRFM9BT must be paired with a Bluetooth cell phone.

Last number re-dial

Press and hold the Red button to re-dial the last number dialed out.

End or reject a call – Press and hold the Red button to end or reject a call.

Call Switch Button

To transfer a call from the VRFM9BT to your cell phone.

Press the Call Switch button once to transfer the call between VRFM9BT and your cell phone.

Voice Dialing Button

Your cell phone must support Voice Dialing.

Press the Red button to enable your phones Voice Commands for Voice Dialing.

Number Buttons

Use the Number buttons to enter the FM channels.

Press the CH button, then enter the number for the frequency the VRFM9BT to transmit on.



GIVE US A CALL, WE'LL HELP YOU INSTALL.

PLEASE DO NOT RETURN PRODUCT TO STORE.

Visit us on the WEB

www.vr-3.com

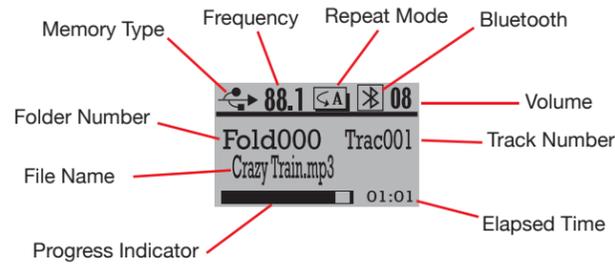
For Information and Technical Assistance,
 Call Toll-Free in U.S.A. and Canada.

1-800-445-1797

Operation

LCD SCREEN

The LCD screen displays all the information you need to see while operating the VRFM9BT.



FUNCTIONS DISPLAYED ON THE LCD SCREEN

The text, numbers, & icons on the LCD will change as you use the VRFM9BT's different functions. Below are the different screens you will see as you use the VRFM9BT for hands-free Bluetooth phone calls, playing MP3 or WMA files, or when using the Line-In to connect an external audio source..

88.1

When the VRFM9BT is turned on.

Blue Tooth
Pairing

When the VRFM9BT enters Pairing mode so it can be paired with your Bluetooth enabled phone.

88.1

When Paired with a Bluetooth phone, but without any audio sources operating.

88.1 Vol 08
Fold000 Trac001
Crazy Train.mp3
01:01

When playing the music from the USB memory.

88.1

LINE IN

When an outside audio source is connected to the Aux-In jack with the supplied cable.

Blue Tooth
Pair OK

When the VRFM9BT is paired successfully with your cell phone.

88.1

LINE IN

When connected with Line-in and Bluetooth enabled phone.

88.1 Vol 08
Fold000 Trac001
Crazy Train.mp3
01:01

When playing the music from the SD/MMC memory card.

Operation

FUNCTIONS DISPLAYED ON THE LCD SCREEN

88.1 Vol 08
Fold000 Trac001
Crazy Train.mp3
01:01

When connected with the Bluetooth enabled phone and playing the music from the USB drive.

88.1 Vol 08
001 / 003

When changing the track number.

88.1 Vol 08
PAUSE

When the music has been paused.

88.1 Vol 08
NORMAL

When changing the Repeat function.

88.1 Vol 08
FM

When entering the FM channel with number buttons on the remote control.

88.1
Voice Dial

When conducting voice dialing, the screen displaying. Your phone must have voice dialing function.

88.1 Vol 08
Volume 10

When adjusting the volume while playing music.

88.1 Vol 08
88.1 Mhz

When changing the FM channel.

88.1 Vol 08
EQ NORMAL

When adjusting the EQ mode.

88.1 Vol 08
Fold 002

When moving from one folder to another.

88.1 Vol 08
Trac 3

When choosing the song with the number buttons on the remote control.

88.1
Bluetooth Mode

When playing the music from your phone through Bluetooth.

Changing the Fuse



REMOVE & DISCARD BAD FUSE

Twist The Tip Of The Adaptor End To Remove The Fuse

2.0 Amp Replacement Fuse (supplied)



GIVE US A CALL, WE'LL HELP YOU INSTALL.

PLEASE DO NOT RETURN PRODUCT TO STORE.
Visit us on the WEB

www.vr-3.com

For Information and Technical Assistance,
Call Toll-Free in U.S.A. and Canada.

1-800-445-1797

Limited Warranty

VIRTUAL REALITY SOUND LABS® products are designed and manufactured to provide a high level of trouble-free performance. VIRTUAL REALITY SOUND LABS® warrants, to the original purchaser, that its products are free from defects in material and workmanship for 30 days from the date of original purchase. As part of our commitment to product excellence, VIRTUAL REALITY SOUND LABS® and/or its affiliates routinely improve the designs, materials or production methods of its existing products. Because it is impractical to publicize all changes in every product, we reserve the right to make such changes without notice.

CONDITIONS OF WARRANTY:

If during the 30 day warranty period your new product is found to be defective, VIRTUAL REALITY SOUND LABS® will repair such defect, or replace the product, without charge for parts or labor subject to the following conditions:

1. All repairs must be performed by VIRTUAL REALITY SOUND LABS® and/or its affiliates in Eatontown, New Jersey.
2. The equipment must not have been altered or been damaged through negligence, accident, or improper operation.
3. The replacement of parts are exempted from this warranty when replacement is necessary due to normal wear and tear.
4. All warranty claims must be accompanied by a copy of the sales receipt or bill of sale.
5. Repair or replacement parts supplied by VIRTUAL REALITY SOUND LABS® under this warranty are protected only for the unexpired portion of the original warranty.
6. In the case of car stereos, this warranty does not extend to the elimination of car static or motor noise; correction of antenna problems; costs incurred for the removal or reinstallation of the product; damage to tapes, speakers, accessories or car electrical systems.
7. VIRTUAL REALITY SOUND LABS® will not be responsible for any charge incurred for installation.

OWNER'S RESPONSIBILITIES:

VIRTUAL REALITY SOUND LABS® will make every effort to provide warranty service within a reasonable period of time.

SHOULD YOU HAVE ANY QUESTIONS ABOUT SERVICE RECEIVED, OR IF YOU WOULD LIKE ASSISTANCE IN OBTAINING SERVICE, PLEASE CALL TOLL FREE 1-800-445-1797, 8:30am - 4:30pm EST.

In order to provide you with the proper warranty service, we request that you adhere to the following procedure:

1. Include a copy of your sales receipt or bill of sale with your unit when it is returned for warranty service.
2. If it is necessary to return your product for service, please return it securely packed, preferably in the original shipping carton, and freight and insurance prepaid to the following address: VIRTUAL REALITY SOUND LABS, Service Department, 41 James Way, Eatontown, New Jersey 07724.
3. Please include a detailed explanation of the problem you are having.
4. If your product is found by VIRTUAL REALITY SOUND LABS® to have a defect in material or workmanship, within the warranty period, it will be repaired or replaced at no charge and returned to you prepaid. Where permitted by law VIRTUAL REALITY SOUND LABS® liability shall be limited to that set forth in this warranty. This warranty shall be the exclusive remedy of the purchaser.

VIRTUAL REALITY SOUND LABS® makes no other warranty of any kind, expressed or implied; and all implied warranties, are hereby disclaimed by VIRTUAL REALITY SOUND LABS® and excluded from this warranty, VIRTUAL REALITY SOUND LABS® and/or its affiliates, the manufacturer, distributor and seller shall not be liable for any injury, loss or damage, incidental or consequential, arising out of the use or intended use of the product.