

BRIDGE

Wireless Karaoke Mixer

owner's manual

Table of Content

FCC Information
Listening for a Lifetime
Safety Instructions
Welcome
Features and Specifications
Getting Started Getting Started Returns and Warranty
Connecting the Power Adapters
Getting Connected
Connecting to a Car or Van
Descriptions and Functions
Microphone Descriptions
Troubleshooting

FCC Information (U.S.A.)

1. IMPORTANT NOTICE: DO NOT MODIFY THIS

UNIT: This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modifications not expressly approved by Vocopro may void your authority, granted by the FCC, to use this product.

- 2. IMPORTANT: When connecting this product to accessories and/or another product use only high quality shielded cables. Cable(s) supplied with this product MUST be used. Follow all installation instructions. Failure to follow instructions could void your FCC authorization to use this product in the U.S.A.
- 3. NOTE: This product has been tested and found to comply with the requirements listed in FCC Regulations, Part 15 for Class "B" digital devices. Compliance with these requirements provides a reasonable level of assurances that your use of this product in a residential environment will not result in harmful interference with other electronic devices. This equipment generates/uses radio frequencies and, if not installed and used according to the instructions found in the owner's manual, may cause interference harmful to the operation of other electronic devices. Compliance with FCC regulations does not guarantee that interference will not occur in all installations. If this product is found to be the source of interference, which can be determined by turning the unit "Off" and "On", please try to eliminate the problem by using one of the following measures:

Relocate either this product or the device that is being affected by the interference.

Use power outlets that are on different branch (circuit breaker or fuse) circuits or install AC line filter(s).

In the case of radio or TV interference, relocate/reorient the antenna. If the antenna lead-in is 300-ohm ribbon lead, change the lead-in to coaxial type cable.

If these corrective measures do not produce satisfactory results, please contact your local retailer authorized to distribute Vocopro products. If you can not locate the appropriate retailer, please contact Vocopro, 1728 Curtiss Court, La Verne, CA 91750.

CAUTION

The apparatus is not disconnected from the AC power source so long as it is connected to the wall outlet, even if the apparatus itself is turned off. To fully insure that the apparatus is indeed fully void if residual power, leave unit disconnected from the AC outlet for at least fifteen seconds.

CAUTION:

READ THIS BEFORE OPERATING YOUR UNIT

- To ensure the finest performance, please read this manual carefully. Keep it in a safe place for future reference.
- Install your unit in a cool, dry, clean place away from windows, heat sources, and too much vibration, dust, moisture or cold. Avoid sources of hum (transformers, v motors). To prevent fire or electrical shock, do not expose to rain and water.
- 3. Do not operate the unit upside-down.
- Never open the cabinet. If a foreign object drops into the set, contact your dealer.
- Place the unit in a location with adequate air circulation. Do not interfere with its proper ventilation; this will cause the internal temperature to rise and may result in a failure.
- Do not use force on switches, knobs or cords. When moving the unit, first turn the unit off. Then gently disconnect the power plug and the cords connecting to other equipment. Never pull the cord itself.
- Do not attempt to clean the unit with chemical solvents: this might damage the finish. Use a clean, dry cloth.
- Be sure to read the "Troubleshooting" section on common operating errors before concluding that your unit is faulty.
- 9. This unit consumes a fair amount of power even when the power switch is turned off. We recommend that you unplug the power cord from the wall outlet if the unit is not going to be used for a long time. This will save electricity and help prevent fire hazards. To disconnect the cord, pull it out by grasping the plug. Never pull the cord itself.
- To prevent lightning damage, pull out the power cord and remove the antenna cable during an electrical storm.
- The general digital signals may interfere with other equipment such as tuners or receivers. Move the system farther away from such equipment if interference is observed.

NOTE:

Please check the copyright laws in your country before recording from records, compact discs, radio, etc. Recording of copyrighted material may infringe copyright laws.

Voltage Selector (General Model Only)

Be sure to position the voltage selector to match the voltage of your local power lines before installing the unit.

110V

Listening for a Lifetime

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. VocoPro and the Electronic Industries Association's Consumer Electronics Group want you to get the most out or your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion and, most importantly, without affecting your sensitive hearing.

Sound can be deceiving. Over time your hearing "comfort level" adapts to a higher volume of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

To establish a safe level:

- · Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

Once you have established a comfortable sound level:

- · Set the dial and leave it there.
- Pay attention to the different levels in various recordings.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise. The list of sound levels is included for your protection.

Some common decibel ranges:

Example
Quiet Library, Soft Whispers
Living Room, Refrigerator, Bedroom away from Traffic
Light Traffic, Normal Conversation
Air Conditioner at 20 ft., Sewing Machine
Vacuum Cleaner, Hair Dryer, Noise Restaurant
Average City Traffic, Garbage Disposals, Alarm Clock at 2 ft.

The following noises can be dangerous under constant exposure:

Level	Example
90 100	Subway, Motorcycle, Truck Traffic, Lawn Mower Garbage Truck, Chainsaw, Pneumatics Drill
120	Rock Band Concert in Front of Speakers
140	Gunshot Blast, Jet Plane
180	Rocket Launching Pad

- Information courtesy of the Deafness Research Foundation

Safety Instructions



CAUTION RISK OF SHOCK



CAUTION: To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Only refer servicing to qualified service personnel.

Explanation of Graphical Symbols



The lightning flash & arrowhead symbol, within an equilateral triangle, is intended to alert you to the presence of danger.



The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and servicing instructions.

WARNING

To reduce the risk of fire or electric shock, do not expose this unit to rain or moisture.

- Read Instructions All the safety and operating instructions should be read before the appliance is operated.
- Retain Instructions The safety and operating instructions should be retained for future reference.
- Heed Warnings All warnings on the appliance and in the operating instructions should be adhered to.
- Follow Instructions All operating and use instructions should be followed.
- Attachments Do not use attachments not recommended by the product manufacturer as they may cause hazards.
- Water and Moisture Do not use this unit near water. For example, near a bathtub or in a wet basement and the like.
- Carts and Stands The appliance should be used only with a cart or stand that is recommended by the manufacturer.
- 7 A. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause an overturn.

- Ventilation The appliance should be situated so its location does not interfere with its proper ventilation.
 For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation slots.
- Heat The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- 10. Power Sources The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
- Grounding or Polarization Precautions should be taken so that the grounding or polarization means of an appliance is not defeated.
- 12. Power-Cord Protection Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
- Cleaning Unplug this unit from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- Power lines An outdoor antenna should be located away from power lines.
- 15. Nonuse Periods The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
- Object and Liquid Entry Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
- 17. Damage Requiring Service The appliance should be serviced by qualified service personnel when:
- A. The power supply cord or plug has been damaged; or
- B. Objects have fallen into the appliance; or
- C. The appliance has been exposed to rain; or
- The appliance does not appear to operate normally or exhibits a marked change in performance; or
- The appliance has been dropped, or the enclosure damaged.
- 18. Servicing The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

Note

To CATV system installer's (U.S.A.): This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected as close to the point of cable entry as practical.

Welcome



Thank you for purchasing the **BRIDGE** from VocoPro, the singer's ultimate choice. With years of experience in the music entertainment business, VocoPro is a leading manufacturer of Karaoke equipment, and has been providing patrons of bars, churches, schools, clubs and individual consumers the opportunity to sound like a star with full-scale club models, in-home systems and mobile units. All our products offer solid performance and sound reliability, and to further strengthen our commitment to customer satisfaction, we have customer service and technical support professionals ready to assist you with your needs. We have provided some contact information for you below.

VocoPro

1728 Curtiss Court La Verne, CA 91750 Toll Free: 800-678-5348

TEL: 909-593-8893 FAX: 909-593-8890

VocoPro Company E-mail Directory

Customer Service & General Information info@vocopro.com

> Tech Support techsupport@vocopro.com

Remember Our Website

Be sure to visit the VocoPro website www.vocopro.com for the latest information on new products, packages and promos. And while you're there don't forget to check out our Club VocoPro for Karaoke news and events, chat rooms, club directories and even a Service directory!

We look forward to hearing you sound like a PRO, with VocoPro, the singer's ultimate choice.

FOR YOUR RECORDS

Please record the model number and serial number below, for easy reference, in case of loss or theft. These numbers are located on the rear panel of the unit. Space is also provided for other relevant information.

Model Number	-d C
Serial Number	
Date of Purchase	A.J.
Place of Purchase	Œ.

Features and Specifications

Features:

- · Transmits music and vocals to FM radio
- · Two wireless microphones with individual volume controls
- Choose from 3 FM stations: 87.9 FM, 87.7 FM, and 88.5 FM
- . Connect a CD, CD+G player, Mp3 player or other player for sing along fun
- ¼" Mic-only vocals output with effect
- 1/8" input jack for connecting an Mp3 player or other audio device
- . Separate Left and Right stereo channel volume controls for music
- · Echo Level and Delay controls
- Main power LED indicator shows when the power is on
- Microphone 1 and 2 RF signal LED indicator shows when the RF signal is being received
- . FM send LED indicator shows when the FM transmitter is on

Connections:

- Outputs: One stereo 1/8", one L/R Stereo RCA, one ¼" (mic-only)
- . Inputs: One stereo 1/8" and one L/R Stereo RCA

Specifications:

Wireless Mic

Frequency range 200MHz-260MHz

• Frequency Stability ±0.005%
• Current Level ≤100mA
• Transmitter power 15mW

Receiver

FM Frequency 87.9, 87.7, 88.5MHz

FM trans powr 5mW

Sensitivity -95dB (12dB S/N AD)

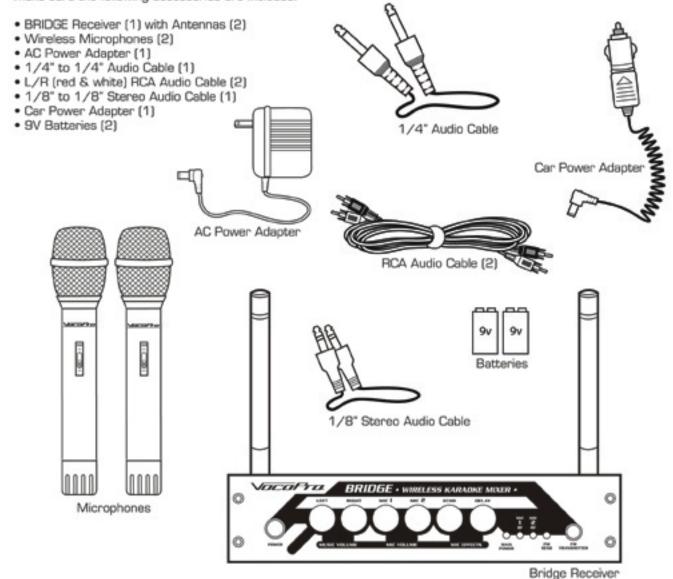
S/N Ratio >85dB
 Max Output 250mV

DC Input 12-18V/350mA

Power Consumption 3W

Getting Started

Thank you for purchasing the BRIDGE. Take a few moments to look through this manual. Before setting up, please make sure the following accessories are included.



Returns and Warranty

In the unlikely event that the BRIDGE would need to be shipped for repair, it is recommended that you keep all the product packaging and receipt. For detailed warranty information, please visit www.vocopro.com/warranty_extended. html. To find a VocoPro Authorized Service Center near you, please visit www.vocopro.com/servicecenter.html.

Caution: Driver of vehicle should not operate karaoke equipment while driving.

Connecting the Power Adapters

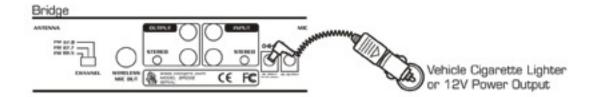
The BRIDGE comes with two different power adapters, one for home use, and one for use with vehicles.

Connecting the Car Power Adapter to the BRIDGE

What you will need:

- Car Power Adapter (included)
- A vehicle with a cigarette lighter plug or a 12V power output.
 - Connect the Car Power Adapter to the DC INPUT on the rear panel of the BRIDGE
 - 2. Plug the large end of the Car Power Adapter into your vehicle's cigarette lighter

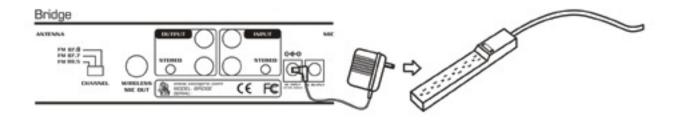
Note: Many newer vehicles have 12V power output jacks in alternate locations in the driver cab. Consult your vehicle owner's manual for more information.



Connecting the AC Power Adapter to the BRIDGE

What you will need:

- AC Power Adapter (included)
- Surge Protector (recommended) or a power outlet
 - 1. Connect the DC end of the power adapter into the DC INPUT on the rear panel of the BRIDGE
 - 2. Connect the other end to a surge protector or available power outlet



Getting Connected

Connecting a Player to the BRIDGE

What you will need:

- Player with L/R (red & white) RCA outputs
- L/R (red & white) RCA audio cable (included)
 - Connect one end of the L/R (red & white) RCA cables to an RCA output on the player
 - 2. Connect the other end of the RCA cables to the RCA INPUTS on the BRIDGE's rear panel

Connecting an Mp3 Player to the BRIDGE

What you will need:

- Mp3 player or other device with a 1/8" output jack
- 1/8" audio cable (included)
 - 1. Connect one end of the 1/8" cable to the 1/8" output jack on the Mp3 player or other audio device
 - 2. Connect the other end of the 1/8" cable to the 1/8" input on the BRIDGE's rear panel

Connecting to an Audio Input Device with RCA Inputs

(Amplifier, powered speaker, recording device, mixer, etc.)

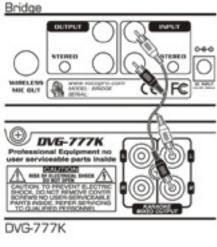
What you will need:

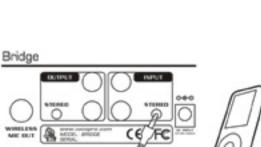
- Audio input device with L/R (red & white) RCA outputs
- L/R (red & white) RCA audio cable (included)

DA-7909RV (Mixer/Amplifier)

- 1. Connect one end of the L/R (red & white) RCA cables to an RCA input on the audio input device
- 2. Connect the other end of the RCA cables to the RCA OUTPUTS on the BRIDGE's rear panel

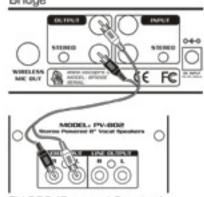
Bridge Bridge CDR-1000PR0 (Recording Device)





Mp3 Player





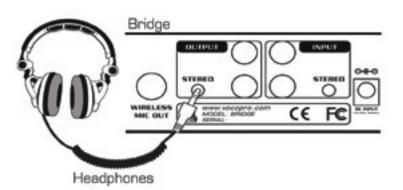
PV-802 (Powered Speaker)

Getting Connected cont.

Connecting Headphones

What you will need:

- . Headphones with 1/8" audio cable
 - Connect the 1/8" cable end of the headphones to the 1/8" output jack on the BRIDGE's rear panel

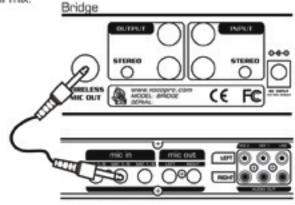


Connecting Microphone Vocals only to a Mixer or Other Audio Input Device

You can connect microphone vocals separately from music to a mixer or other audio input device with a 1/4" microphone input. This gives you greater control over the overall mix.

What you will need:

- . Audio input device with a 1/4" microphone input
- ¼" audio cable (included)
 - Connect one end of the ¼" cable to a ¼" input jack on an audio input device
 - Connect the other end of the ¼" cable to the ¼" WIRELESS MIC OUT jack on the BRIDGE's rear panel

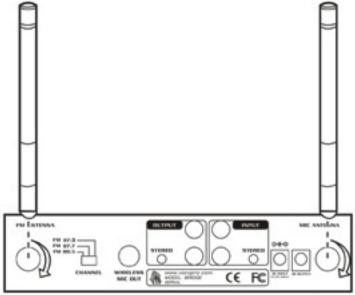


DA-1055PR0

Connecting FM and MIC Antennas

What you will need:

- 2 Antenna (included)
 - Connect the BNC end of one antenna to the FM ANTENNA input on the BRIDGE's rear panel and turn clockwise to lock (counter-clockwise to unlock)
 - Connect the BNC end of the other antenna to the MIC ANTENNA input on the BRIDGE's rear panel and turn clockwise to lock (counter-clockwise to unlock)



Bridge

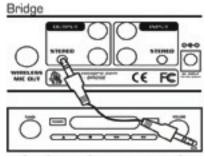
Connecting to a Car or Van

Ways to connect the BRIDGE in your car or van, using your car's stereo system as speakers.

Connecting your Car Stereo to the BRIDGE with a 1/8" Aux Input

What you will need:

- · Audio input device with 1/8" input
- 1/8" audio cable (included)
 - Connect one end of the 1/8" cable to the 1/8" input jack on your car stereo
 - Connect the other end of the 1/8" cable to the 1/8" output jack on the BRIDGE's rear panel

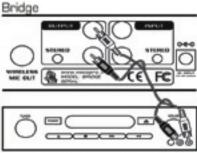


Car Stereo System with 1/8' Aux Input Jack

Connecting your Car Stereo to the BRIDGE with RCA Input

What you will need:

- · Audio input device with L/R (red & white) RCA input
- . L/R (red & white) RCA audio cable (included)
 - Connect one end of the L/R (red & white) RCA cables to an RCA input on your car stereo
 - Connect the other end of the RCA cables to the RCA OUTPUTS on the BRIDGE's rear panel



Car Stereo/DVD System with RCA Input

FM 87.9

FM 87.7 FM 88.5

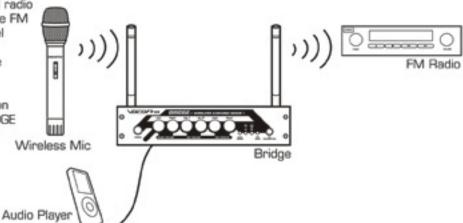
CHANNEL

Connecting your Car Stereo System without any RCA or 1/8" Aux Input Jacks

The Bridge has a FM transmitter which allows you to output through your FM radio.

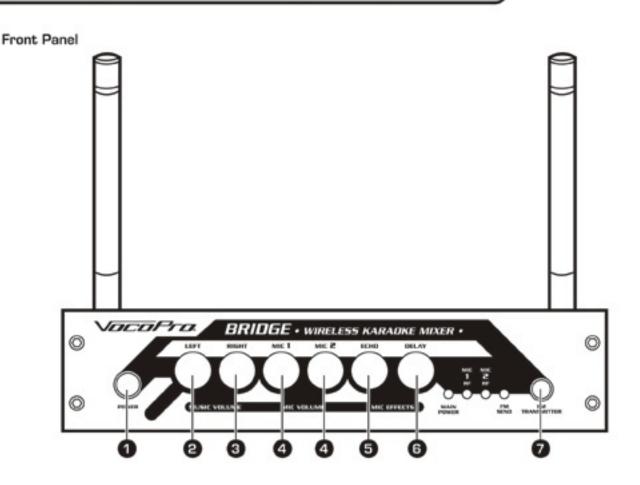
What you will need:

- FM Radio
 - Place the BRIDGE near your FM radio
 - Select a radio frequency with the FM Switch located on the rear panel of the BRIDGE
 - Tune your FM radio to the same radio frequency that is selected on the BRIDGE
 - Press the FM Transmitter Button located on the front of the BRIDGE so that the FM SEND light is on



Note: For best sound quality, you may need to change positioning of the BRIDGE or change the radio station. For more details, see the troubleshooting section in the back of this manual.

Descriptions and Functions



- 1. Power Button Turns the power on and off.
- Left Music Volume Control Controls the volume for the left RCA audio input. Turn clockwise to raise the volume and counter-clockwise to lower it.
- Right Music Volume Control Controls the volume for the right RCA audio input. Turn clockwise to raise the volume and counter-clockwise to lower it.
- Mic 1 & 2 Volume Controls Adjusts the volume for each individual microphone channel. Turn clockwise to raise
 the volume and counter-clockwise to lower it.
- Echo Control Adjusts the echo level. This determines how much of the echo effect will be present in the vocal signal. Turn clockwise to increase the echo level and counter-clockwise to decrease it.
- Delay Control Adjusts the amount of delay in the echo effect. Turn clockwise to increase the echo level and counter-clockwise to decrease it.
- FM Transmitter Button Turns on the FM Transmitter. Press this button when playing the BRIDGE through the radio.

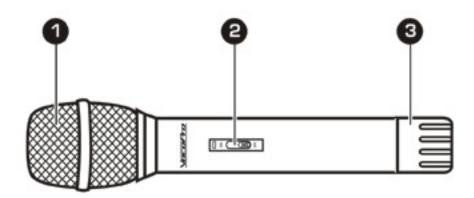
Descriptions and Functions cont.

ENNA FM 87.8 FM 87.

- FM Antenna BNC Jack Transmits the audio to one of the selected FM radio channels when the FM transmitter
 is turned on.
- FM Switch Switches between the three available FM transmitter channels: 87.9 FM, 87.7 FM, and 88.5 FM. When transmitting to the radio, select the one that is clearest.
- ¼" Wireless Mic Output Jack This is a mic-only output channel. Connect this jack to a mixer or other audio input device using a ¼" cable (included) to output only microphone vocals with effects.
- 1/8" Stereo Audio Output Jack Use a 1/8" stereo audio cable (included) to connect to an input device (car stereo, tape recorder) with an 1/8" audio jack.
- Stereo RCA Output Jacks Use a set of red and white audio RCA cables to connect to a mixer, powered speaker, amplifier or other device with stereo RCA inputs.
- Stereo RCA Input Jacks Connect a player with L/R RCA outputs to these jacks using a set of red and white audio RCA cables.
- 1/8" Stereo Audio Input Jack Connect an Mp3 player or other player with an 1/8" output to this jack using a stereo 1/8" audio cable.
- 8. DC Input Connect the BRIDGE's included power adapter. Caution: In the unlikely event that the included power adapter becomes defective, contact VocaPro to order the correct power adapter for the BRIDGE. Using an incorrect power adapter may cause permanent damage to the BRIDGE and void the warranty.
- DC Output Power a second device from this DC output.
- Mic Antenna BNC Jack Receives the wireless microphone signals when the microphone is turned on.

Microphone Descriptions

Microphone



- 1. Grill Protects the microphone cartridge and helps reduce breath sounds and wind noise.
- 2. Power Button Used to turn the microphone ON/OFF or put it in STANDBY mode.
- 3. Battery Cover Removable cup hides and protects the microphone battery.

Microphone Placement & Tone Quality

Lead & Backup Vocals

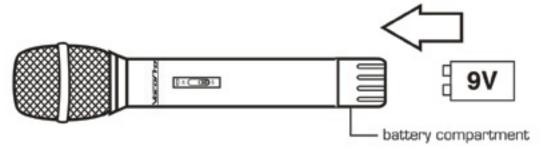
Lips should be less than 3" from or even touching the windscreen on an axis to the microphone. Doing this creates a robust sound, emphasizes bass and provides a maximum isolation from other sources.

Speech

When giving a speech or simply speaking, place the microphone 4" to 10" away from the mouth, just above nose height for a natural sound with reduced bass. You can also place the microphone 8" to 16" away from the mouth, slightly off to one side, for more "distant" sound with highly reduced bass and miminal "s" sounds.

Microphone Battery Installation

 Unscrew the microphone battery compartment caps and insert the 9-volt alkaline batteries. Be sure to observe proper polarity (+/-). Tighten the battery compartment lid.



Troubleshooting

Problems	Solutions
No sound output, RF LED(s) are not glowing.	 Make sure the microphone and receiver power switches and receiver are set to the ON position. Check microphone batteries to ensure that they are providing sufficient power. Replace battery if necessary. Check receiver's AC power connection. Make sure the mic antenna is firmly connected and extended to an optimal position. If necessary, reduce the distance between the microphones and receiver. Turn up the receiver's VOLUME level controls. Check for proper connection between receiver and external amplifier/mixer. Talk into the microphone and observe the receiver's RF signal LED's. If they glow, the problem is elsewhere in the sound system.
Received signal is noisy or contains extraneous sounds with the microphone(s) ON.	Check microphone(s) batteries and replace if the charge is low. Remove local sources of interference, such as lighting equipment. Signal may be too weak. If so, reposition antennas. (If possible, move them closer to the transmitter) If using the FM transmitter, switch to another FM station. Make sure the radio is set to the correct station.
There is noise coming from the receiver with the microphones turned OFF.	Remove local sources of interference, such as lighting equipment, fans, etc. Reposition the receiver or antennas.
Momentary loss of sound as microphone(s) are moved throughout the operating range.	 Reposition the receiver, perform a "walkthrough", and observe the signal strengths. If audio dropouts persist, mark these "dead spots" in the operating area and avoid them during the performance.
The FM transmitter is on but there is no music or vocals coming through the radio.	Make sure the FM station switch is set to the correct station. Make sure the radio is set to the same station as the FM station switch. Make sure the FM SEND LED is lit.
The FM transmitter is unclear.	Try setting the BRIDGE to another station. Move the BRIDGE's receiver closer to the radio. Make sure the radio is set to the correct station.

Featured VocoPro Products

Here are some of the other great VocoPro products featured in this manual. You can find more information at our website: www.vocopro.com.



CDR-1000PRO

Professional Single Rack CD Recorder and Player



DVG-777K

Multi-Format USB/DVD/CD+G Karaoke Player



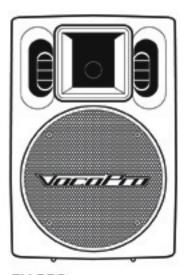
DA-7909RV

DSP Karaoke Mixing Amplifier with Digital Reverb



DA-1055PRO

Professional Digital Echo Mixer with Dual Equalizers



PV-802 400W Powered Vocal Monitor with Built-in EQ



Notes	

Notes	



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