

RECODE-1

Portable Analog to Digital Mp3 Recorder with
Anti-Distort Technology

owner's manual

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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.

- 1. Read Instructions** - All the safety and operating instructions should be read before the appliance is operated.
- 2. Retain Instructions** - The safety and operating instructions should be retained for future reference.
- 3. Heed Warnings** - All warnings on the appliance and in the operating instructions should be adhered to.

4. Follow Instructions - All operating and use instructions should be followed.

5. Attachments - Do not use attachments not recommended by the product manufacturer as they may cause hazards.

6. Water & Moisture - Do not use this unit near water. For example, near a bathtub or in a wet basement and the like.

7. Carts & 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, & uneven surface may cause an over turn.



8. 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.

9. 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

Safety cont.

power supply only of the type described in the operating instructions or as marked on the appliance.

11. 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.

13. Cleaning - Unplug this unit from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

14. Power Lines - An outdoor antenna should be located away from power lines.

15. Non-use Periods - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

16. Object & 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
- D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
- E. 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.

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 of residual power, leave unit disconnected from the AC outlet for at least fifteen seconds.

CAUTION:

READ THIS BEFORE OPERATING YOUR UNIT

1. To ensure the finest performance please read this manual carefully.

FCC Information cont.

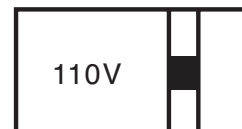
- Keep it in a safe place for future reference.
2. Install your unit in a cool, dry, clean place - away from windows, heat sources, and too much vibration, dust, moisture or cold. Avoid sources of hum (transformers, v motors). To prevent fire or electrical shock, do not expose to rain and water.
 3. Do not operate the unit up side-down.
 4. Never open the cabinet. If a foreign object drops into the set, contact your dealer.
 5. 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.
 6. 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.
 7. Do not attempt to clean the unit with chemical solvents: this might damage the finish. Use a clean, dry cloth.
 8. 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.
10. To prevent lightning damage, pull out the power cord and remove the antenna cable during an electrical storm.
 11. 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.



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 of 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 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. This list of sound levels is included for your protection.

Some common decibel ranges:

Level	Example
30	Quiet library, Soft whis- pers
40	Living room, Refrigera- tor, Bedroom away from traffic
50	Light traffic, Normal Conversation
60	Air Conditioner at 20 ft., Sewing machine
70	Vacuum cleaner, Hair dryer, Noisy Restaurant
80	Average city traffic, Garbage disposals, Alarm clock at 2 ft.

The following noises can be dangerous under constant exposure:

Level	Example
90	Subway, Motorcycle, Truck traffic, Lawn Mower
100	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

Welcome

Thank you for purchasing the **RECODE-1** 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 _____

Serial Number _____

Date of Purchase _____

Place of Purchase _____



Features

Features:

- 512 MB Internal Memory - Expandable with SD Memory Card Reader (SD Card Not Included)
- Anti-Distort Technology ensures flawless recording
- Includes RCA to Stereo Cables
- Review your Mp3 recordings instantly with the included Headphones
- Includes Carrying Bag

Connections:

- Audio Input: Stereo Line-in
- Audio Output: 1/8" headphone/line-out jack
- PC Connection: USB

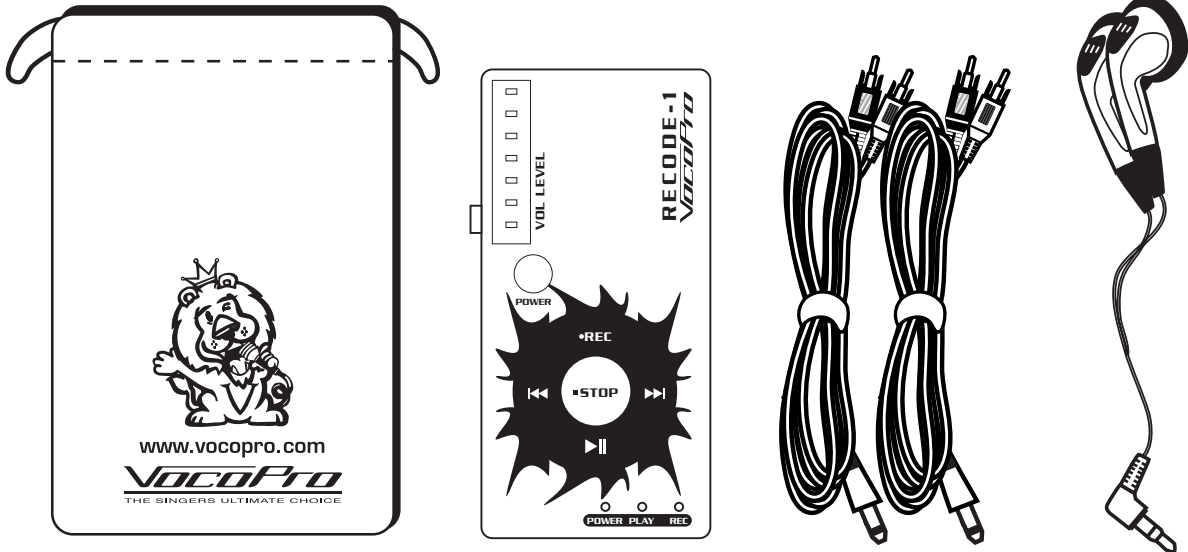
Memory:

- Internal 512 MB, Expandable via SD Card (SD Card Not Included)

Getting Started

Thank you for purchasing the RECODE-1. Take a few minutes to look through this manual. Before setting up, please make sure the following accessories are included.

- RECODE-1 recorder/media player (1)
- CARRYING BAG for RECODE-1 (1)
- HEADPHONES (1)
- RCA to 1/8" Stereo Cable (2)



Returns and Warranty

In the unlikely event that the RECODE-1 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

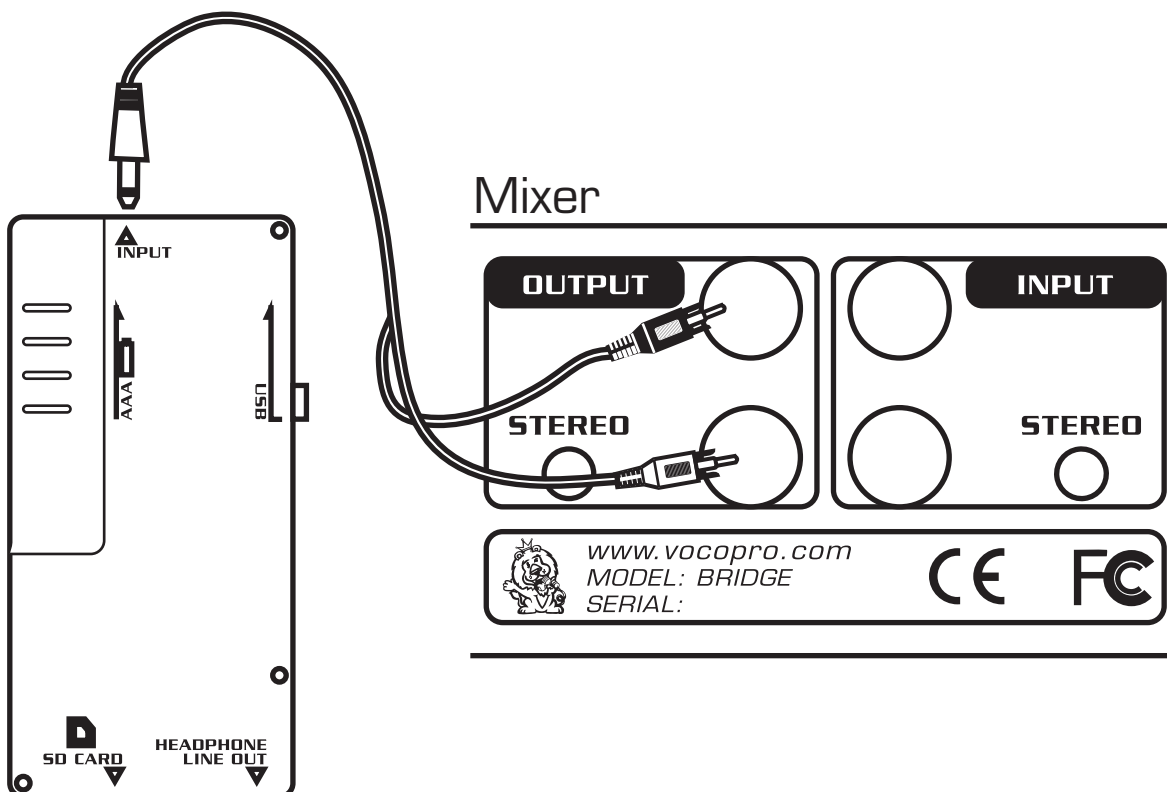
Getting Connected

Connecting a Source to the RECODE-1

What you will need:

- RCA to 1/8" Stereo Cable (Included)
- Mixer or Audio Output Device

1. Connect one end of the cable to the output of your mixer
2. Connect the other end of the cable to the INPUT of the RECODE-1



Getting Connected cont.

RECODE-1 Playback Mode

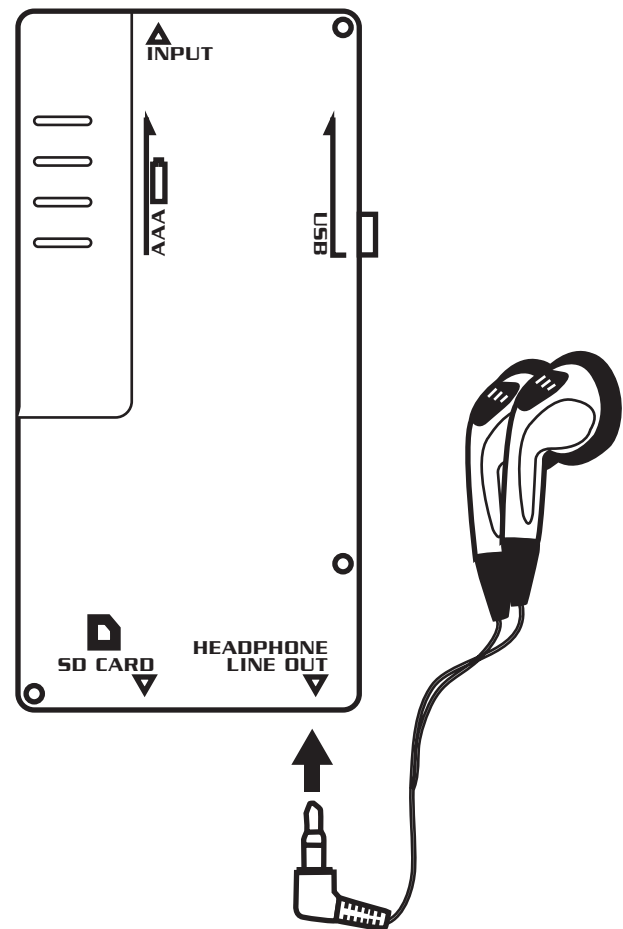
What you will need:

- 1/8" to RCA Cable
- Headphones

You are able to immediately review your tracks on the RECODE-1 as soon as the recording is complete

Using Headphones:

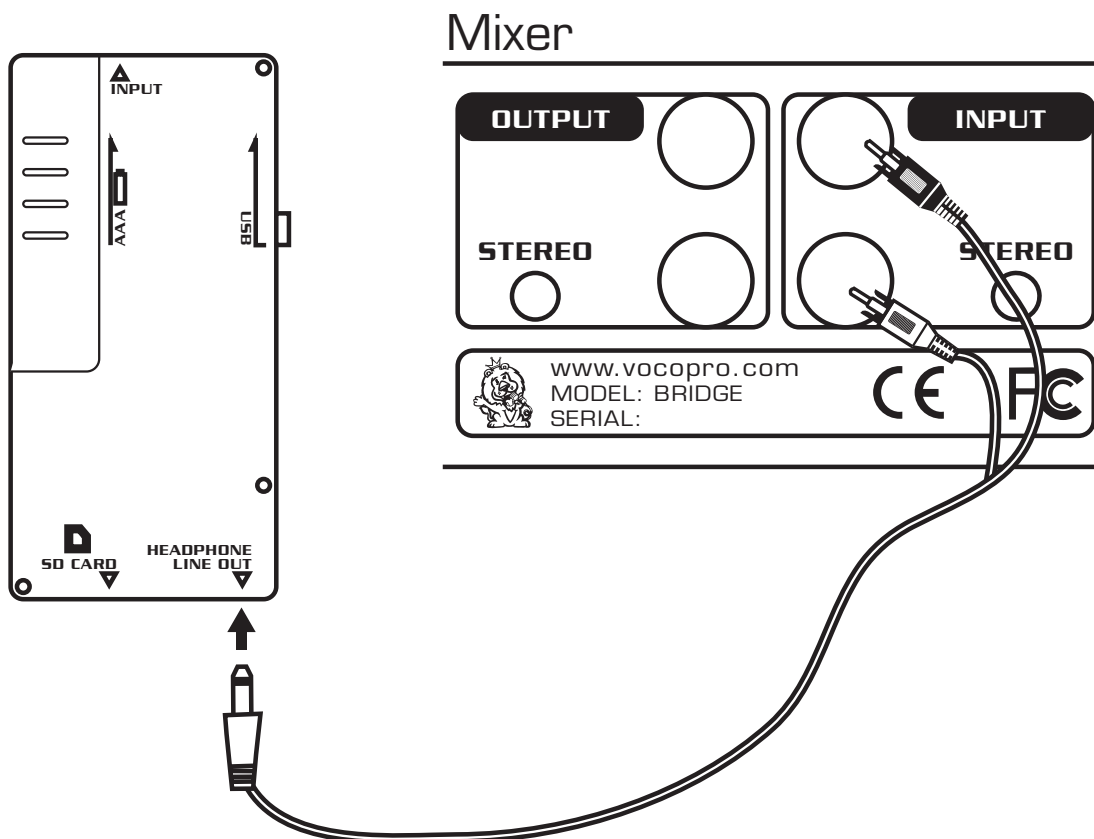
1. Connect the headphones to the HEADPHONE/LINE OUT jack at the base of the RECODE-1
2. Press PLAY to enable playback and review your track. Use the PREV/NEXT to return to or skip ahead tracks and the STOP button to end playback mode.



Getting Connected cont.

Using 1/8" to RCA Cable:

1. Connect the end of the 1/8" cable to the HEADPHONE/LINE OUT on the RECODE-1's base and connect the RCA end to an input device such as a STEREO/MIXER or AMP.



Recording with the RECODE-1

The RECODE-1 has 512 MB of internal memory that will provide approximately 8 hours of available time (128 kbps).

1. Power on the RECODE-1 by holding the **POWER** button, hold until POWER LED lights up
2. Ensure that the RECODE-1 is connected to your source via the included 1/8" to RCA cable
3. Hold the **RECORD** button to initiate recording mode, the RECORD INDICATOR will blink, and then press **PLAY** to start recording.
4. **Stop** the recording with the **STOP** function and power the unit **OFF**.
 - **Your source will be recorded as a 128 kbps Mp3 file. If the memory limit is reached before recording is manually ended, the RECODE-1 will stop recording and automatically save your file. It is recommended that you replace the battery before beginning a new recording session.**

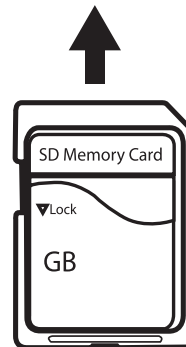
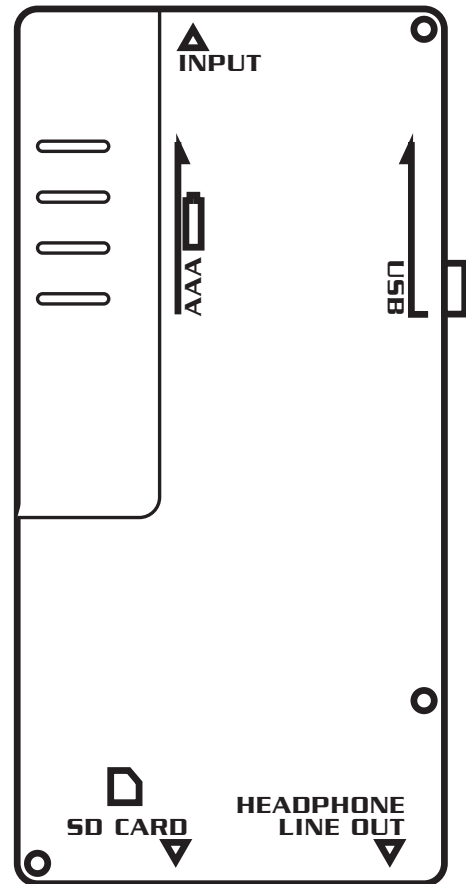
If additional memory is required, utilize expandable SD Memory Card (Not Included)

Recording cont.

Utilizing Expandable SD Memory

- SD Memory Card (Not Included)

1. Ensure that the RECODE-1 is OFF
2. Insert your SD Memory Card into the slot on the bottom of the RECODE-1
3. The RECODE-1 will now record directly to the SD Memory Card
4. When removing the card from the RECODE-1, ensure that the power is OFF. To remove the SD card, press the card in to eject.

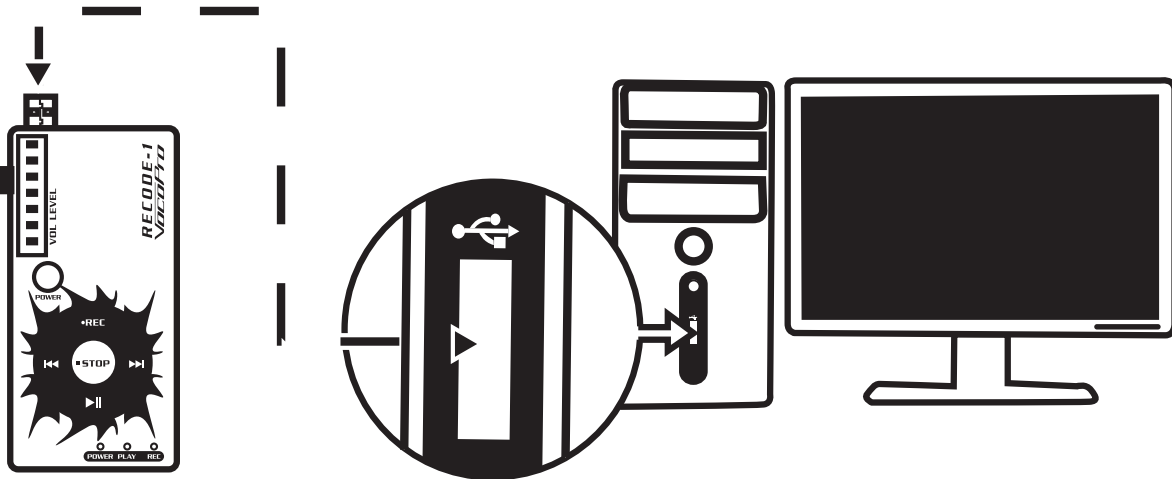


Recording cont.

Connecting the RECODE-1 to a PC or MAC Computer

What you will need:

- PC (WINDOWS XP) or MAC (OSX) computer with USB inputs
1. Press and Slide open the USB connector on the RECODE-1
 2. Connect to a USB INPUT on your PC or MAC computer
 3. The RECODE-1 will appear as a single drive if there is no SD card present, two drives will appear if there is an SD card present.
 4. Use your file manager to drag and drop files on and off the RECODE-1. Recordings made by the RECODE-1 will be stored in the RECORD folder. Each file will appear as RECXXXX.MP3.



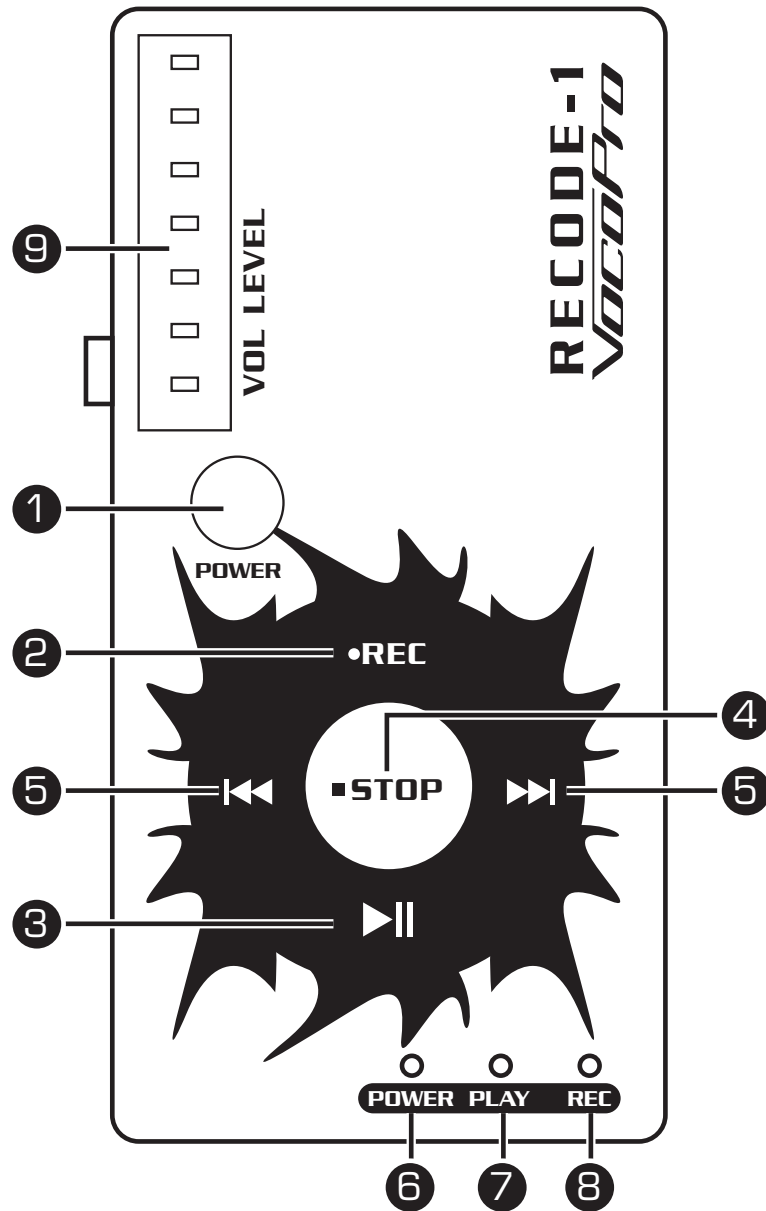
Descriptions & Functions

FRONT VIEW

1. **POWER** - Hold the POWER button to turn the unit on or off. The POWER INDICATOR will be lit green if the unit is on.
2. **RECORD** - Hold the RECORD button to initiate recording mode, the RECORD INDICATOR will blink, and then press PLAY to start recording.
3. **PLAY** - Enable playback mode to review recorded Mp3 files
4. **STOP** - Stops recording mode or playback
5. **PREV/NEXT** - Press PREV to jump to the previous track and NEXT to jump to the next track.
6. **POWER INDICATOR** - This will be lit green to indicate when the unit is powered on.
7. **PLAY INDICATOR** - This will be lit orange to indicate when playback mode is enabled. It will also be lit during record mode.
8. **RECORD INDICATOR** - This will be lit red to indicate record mode is enabled.
9. **VOLUME LEVEL INDICATOR** - These lights indicate the volume output level of the RECODE-1. The volume is at the maximum level when all of

Descriptions cont.

the red lights are lit. The level indicator will stay lit after power on if battery power is low.



Descriptions cont.

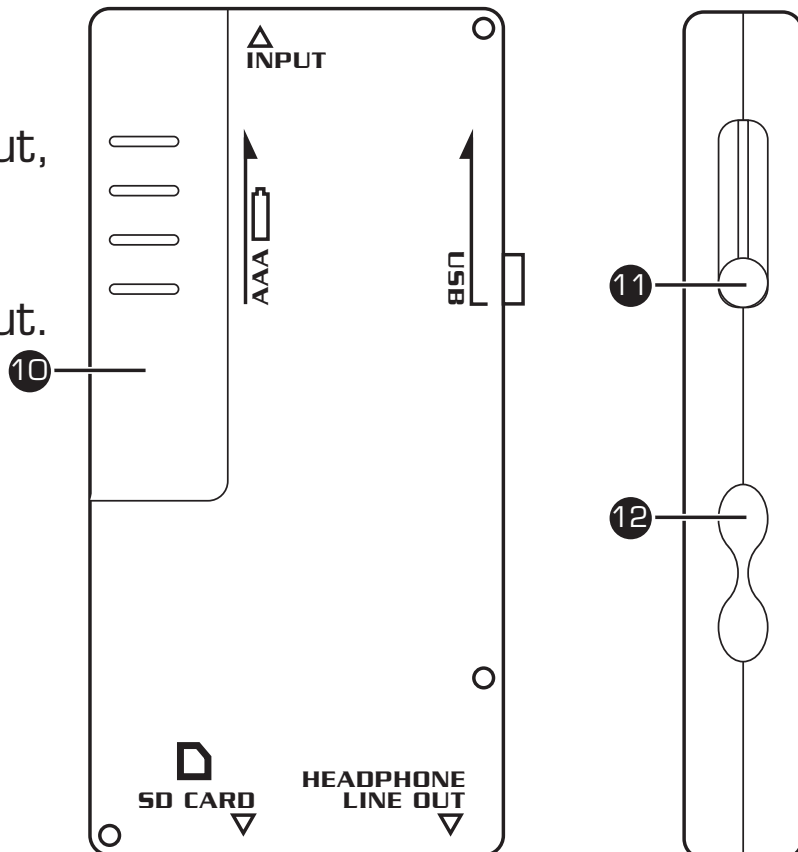
REAR VIEW

- 10. BATTERY COMPARTMENT** - Slide the cover upwards to reveal the compartment for the single AAA battery.

LEFT SIDE VIEW

- 11. USB SLIDER** - Slide this upwards to reveal the USB connector for transferring files to or from your computer.

- 12. VOLUME CONTROL** - Press the + side of the button to increase the volume output, press the - to decrease volume output.



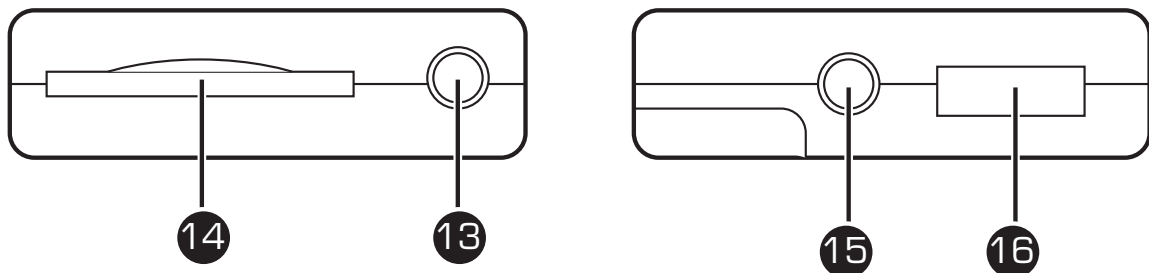
Descriptions cont.

BOTTOM VIEW

13. **HEADPHONE JACK/LINE OUT** - Connect the included headphones or 1/8" to RCA line to connect to any RCA input capable device.
14. **SD CARD SLOT** - Insert an SD memory card here to expand the RECODE-1's memory. To remove the card, press the card in to release it.

TOP VIEW

15. **LINE INPUT** - Connect the 1/8" to RCA line from your source here.
16. **USB** - The USB connection allows you to transfer Mp3 files to or from your computer.



Troubleshooting

1. Recode-1 will not save new recordings

- Ensure that the internal & SD memory card are not completely full.

2. Recording file is corrupt & will not play

- Replace the battery with a new one.
- The battery may have been too weak, replace prior to your next recording.

3. Recording file cuts off unexpectedly during playback

- The memory on the RECODE-1 filled up before you ended the recording session. Clear the memory prior to your next session. Also, use the expandable SD Memory for increased storage.

4. There is no audio out in the headphones

- Check to confirm that the headphones are plugged into the HEADPHONE/LINE OUT jack.
- Make sure that the power is on and playback mode is enabled.
- Check the battery, you may need to replace with a brand new one.

Troubleshooting cont.

5. The recording sounds too loud or too quiet when it is played back

- Check the volume level of the RECODE-1 and set it to a satisfactory setting.

VocoPro[®]
THE SINGER'S ULTIMATE CHOICE[™]



RECODE-1 Manual
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