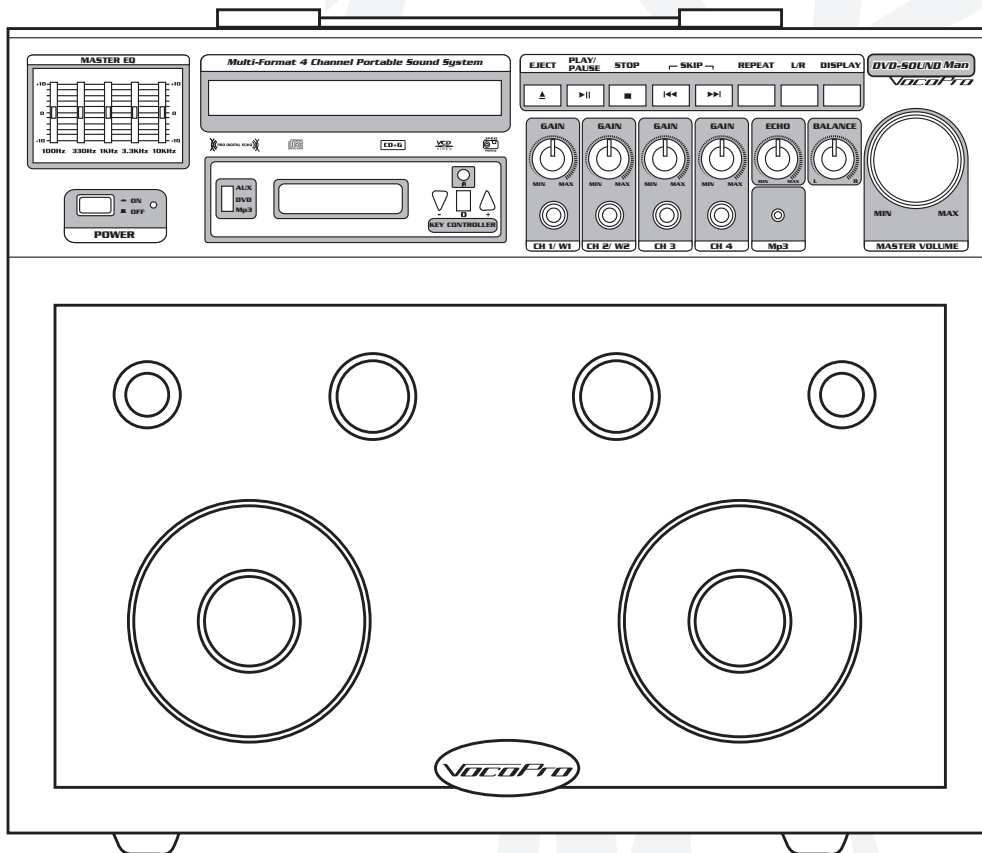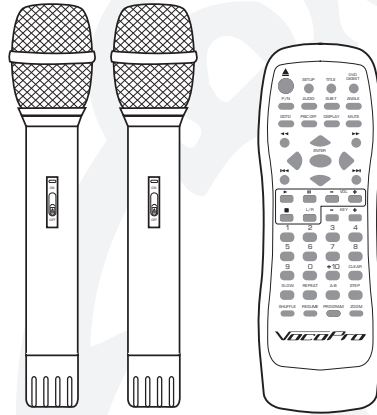# VocoPro®

PROFESSIONAL VOCAL SYSTEMS ™

DVD-SOUNDMAN

Multi-Format 4 Channel Portable Sound System

owner's manual

Table of Contents

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 ensure 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. 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 upside-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.

240V
120V
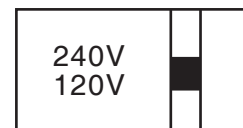
Listening for a lifetime

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

Some common decibel ranges:

Level	Example
30	Quiet library, Soft whispers
40	Living room, Refrigerator, 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

Safety Instructions

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** - Only use attachments/accessories specified or provided by the manufacturer (such as the exclusive supply adapter, battery etc.)

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

7. **Carts and Stands** - Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

7 A. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause an overturn.

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 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. A polarized plug has two blades with one wider than the other. A grounding plug has two blades and and third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

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 dry cloth for cleaning.

14. **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.

16. **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
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.

Welcome

And thank you for purchasing the **DVD SOUNDMAN** from VocoPro, your ultimate choice in Karaoke entertainment! 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 reinforce 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 Email 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 KJ 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 and Specifications

DVD-Soundman (Multi-Format 4 Channel Portable Sound System)

VocoPro takes a step forward in audio mobility with the DVD-SOUNDMAN portable mini P.A. system.

With the built-in VHF module and included wireless microphones, the DVD-SOUNDMAN expands your performance possibilities. Connect up to four instruments/wired microphones to expand the party for additional musicians and performers.*

The DVD-SOUNDMAN is a portable mini P.A. system that combines a disc player and instrument mixer with a high quality speaker cabinet. Stereo RCA and digital audio outputs allow you to connect your external speakers or recording system.

Use the multi-format disc player or the Mp3 device input for playing your favorite music to practice and perform to.

The digital echo effect, pitch control and the five-band EQ will give you the tools to customize your sound.

The DVD-SOUNDMAN is the choice for professionals and casual users looking for an easy to set up mini P.A. system.

*Connect up to two mics/instruments when wireless microphones are in use.

Features:

• 5 Band EQ Easily Adjusts the Sound of Your Master Output to Suit Your Audio Needs (Music, Singing or Speech…)

• Four ¼" Microphone/Instrument Inputs for Maximum Diversity

• Built-in Multi-Format Player Supports DVD, CD, CD+G, VCD, Mp3 & Photo CD Formats

• 80W Stereo 4-Speaker System to Make Anyone Sound GREAT

• Digital Key Control for Changing the Key of Any Disc Played in the Multi-Format Player

• Convenient 1/8" Audio Input for Connecting Mp3 Players or Laptops (1/8" to 1/8" Audio Cable Included)

• Built-in Wireless Mic System With 2 Hand Held Mics Included

Optional Accessories (Sold Separately):
  Wireless Body Pack
  ¼" Instrument Cable
  Clip Mic & Headset Mic

Before Getting Started

Thank you for purchasing the DVD SOUNDMAN system. The DVD SOUNDMAN will provide years of reliability and high quality entertainment for you if used properly. Please read this manual carefully before using your DVD SOUNDMAN to ensure best performance.

Unpacking the DVD SOUNDMAN:

Carefully remove the DVD SOUNDMAN from its carton. It is recommended that you store the original packaging materials in case you need to ship this equipment for any reason.

Be sure you have the following parts and components included with your DVD SOUNDMAN:

ITEMS:
1 DVD SOUNDMAN
2 Wireless Microphones
2 Antennas
1 RCA Video Cable
1 AC Power Cable
1 Warranty Card
1 1/8" Cable
1 Remote Control
1 Instruction Manual
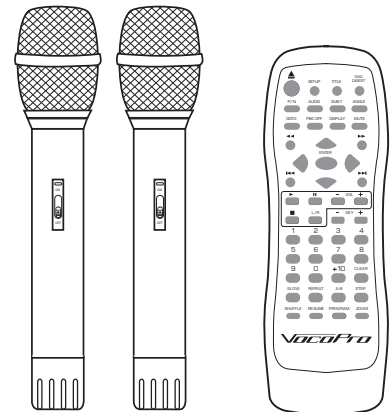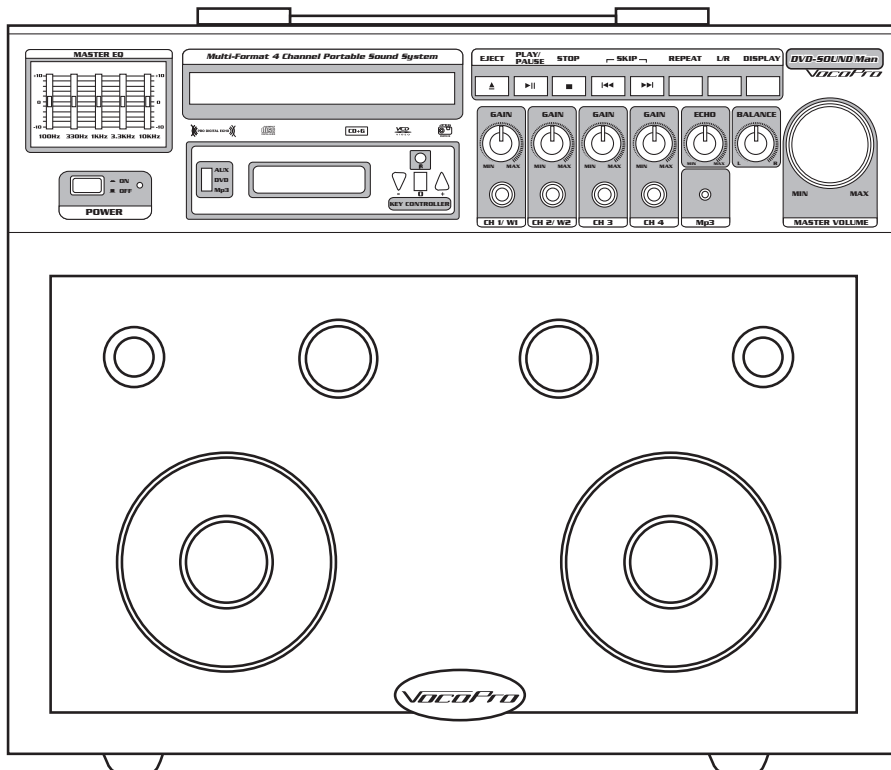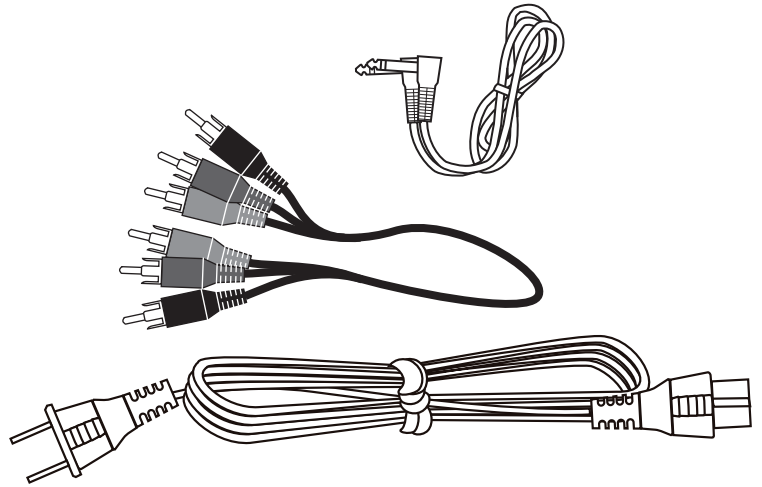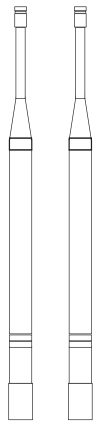
Getting Started

Connecting the Power Cable

Plug the supplied AC power cable into the AC inlet after all other connections are complete and then plug the AC power cable to an AC wall outlet.

CAUTION
Use the supplied AC cable. Do not use other AC power cables as doing so may result in fire hazard or electrical shock.
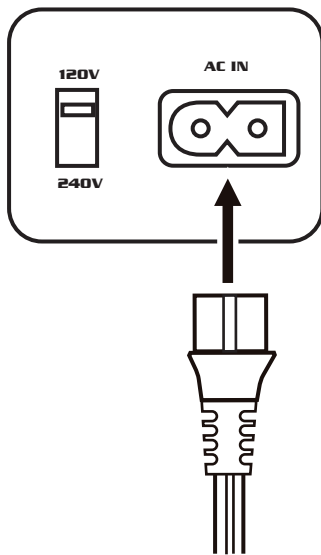
For US 110~120V   For EU 220~240V

WARNING: Plugging in the power cable with the voltage selector switch set incorrectly may damage this device.
Make sure the selector switch is set to the voltage of your region:
120V - United States
240V - Europe

Getting Connected

Connecting an Mp3 player (or other device) to the DVD-SOUNDMAN

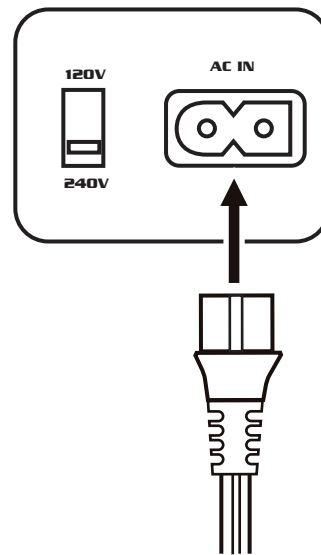You can use the DVD-SOUNDMAN as an amplifier for your Mp3 player, laptop or other audio device with a 1/8" output.
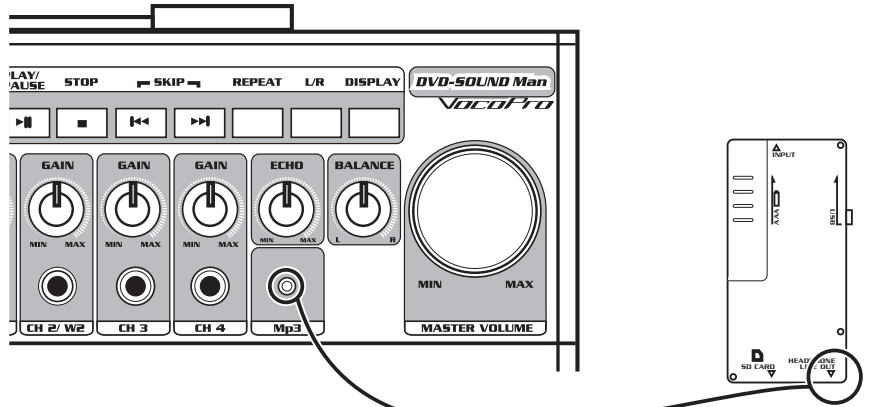
DVD-SOUNDMAN front panel

What you will need:
- 1/8" cable
- Mp3 player (or other device, laptop etc. with a 1/8" output)

To connect an Mp3 player to the DVD SOUNDMAN:
1. Connect one end of the 1/8" cable to the output on the Mp3 player or audio device.
2. Connect the other end of the 1/8" cable to the Mp3 input on the front panel of the DVD SOUNDMAN.
3. Set the Source Selector Switch on the front panel of the DVD SOUNDMAN to Mp3.

Mp3 Player
(VocoPro RECODE-1 shown)

Connecting an external player to the DVD-SOUNDMAN

You can use an external CD player or other audio device with RCA outputs in combination with the DVD SOUNDMAN.

DVD-SOUNDMAN rear panel

What you will need:
- Stereo RCA cable
- CD player or other audio device with RCA outputs

To connect an external CD player to the DVD SOUNDMAN:
1. Connect one end of the RCA cable to the L/R output on the external CD player or audio device.
2. Connect the other end of the RCA cable to the AUX L/R AUDIO input on the rear panel of the DVD SOUNDMAN.
3. Set the Source Selector Switch on the front panel of the DVD SOUNDMAN to AUX.
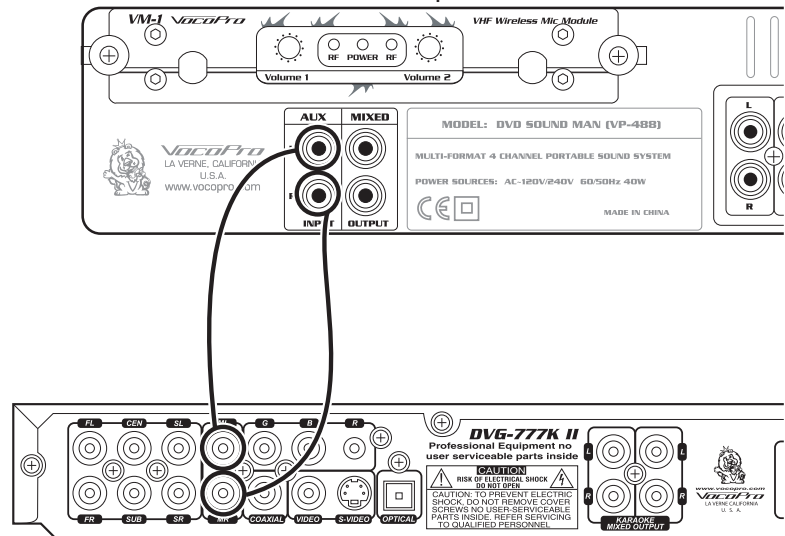
External Disc Player
(VocoPro DVG-777K II shown)

Getting Connected

Connecting to an External Audio Recording Device

You can record the mixed microphone and music audio using the DVD-SOUNDMAN's MIXED OUTPUT RCA jacks.

What you will need:
• Stereo RCA cable
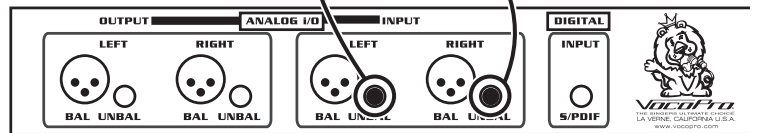• Recording device with RCA inputs

To connect to a recording device:
1. Connect the ends of the RCA cable to the MIXED L/R AUDIO output on the rear panel of the DVD-SOUNDMAN.
   NOTE: The Mixed output jacks are line level. Adjustments made via the master volume control do not affect the signal.
2. Connect the other ends of the RCA cable to the Left and Right inputs of your recording device.
   NOTE: Microphone vocals are only present on the MIXED L/R output channel.

DVD-SOUNDMAN rear panel
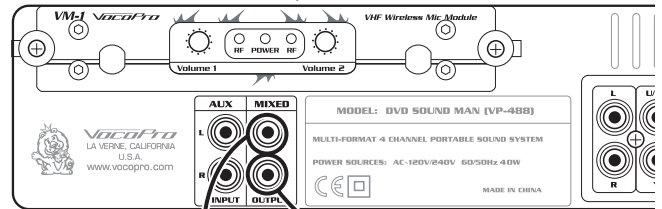
Audio Recording Device
(VocoPro CDR-1000 shown)

Connecting to External Powered Speakers

The DVD SOUNDMAN has built-in speakers, and does not need to be connected to external speakers. However, if you want to connect powered speakers to add an extra boost to your performance, you can do so using the MIXED OUTPUT RCA jacks on the DVD SOUNDMAN's rear panel.

What you will need:
• Stereo RCA cable
• Powered speakers with RCA inputs

To connect to powered speakers:
1. Connect one end of the RCA cable to the MIXED L/R AUDIO output on the rear panel of the DVD SOUNDMAN.
2. Connect the other end of the RCA cable to the Left and Right inputs of your powered speakers.
   NOTE: Microphone vocals are only present on the MIXED L/R output channel.

DVD-SOUNDMAN rear panel
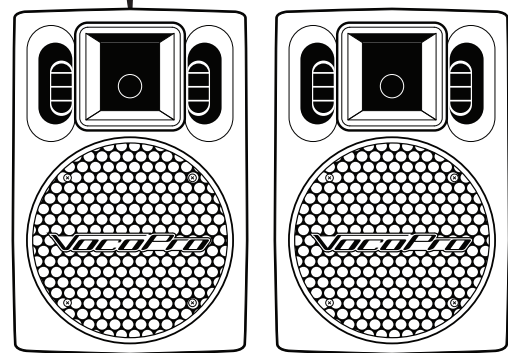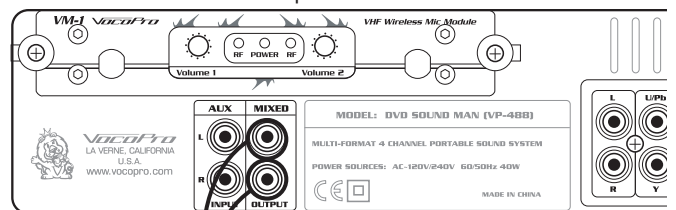
Powered Speakers
(VocoPro PV-802 shown)

11

Getting Connected, cont.

Connecting a Digital Receiver to the DVD-SOUNDMAN

Using digital coaxial audio cable:
You can use a receiver in combination with the DVD SOUNDMAN.

What you will need:
• RCA cable
• Receiver with digital coaxial audio input

To connect to a receiver:
1. Connect one end of the RCA cable to the COAXIAL output on the rear panel of the DVD-SOUNDMAN.
2. Connect the other end of the RCA cable to the Digital Coaxial Audio input of your receiver.
   NOTE: Microphone vocals are only present on the MIXED L/R output channel. They are not present on the Digital coaxial audio output.

DVD-SOUNDMAN rear panel

Receiver
(VocoPro DTX-9909K shown)

Connecting a Digital Receiver to the DVD-SOUNDMAN

Using digital optical audio cable:
You can use a receiver in combination with the DVD-SOUNDMAN.

What you will need:
• Digital optical audio cable
• Receiver with digital optical audio input

To connect to a receiver:
1. Connect one end of the optical cable to the OPTICAL output on the rear panel of the DVD-SOUNDMAN.
2. Connect the other end of the optical cable to the Digital Optical Audio input of your receiver.
   NOTE: Microphone vocals are only present on the MIXED L/R output channel. They are not present on the Digital optical audio output.

DVD-SOUNDMAN rear panel

Receiver
(VocoPro DTX-9909K shown)

Getting Connected, cont.

Connecting a TV or Monitor to the DVD SOUNDMAN

The DVD SOUNDMAN has three ways to output video. Choose the method that best suits your needs.

Using RCA video:

What you will need:
- RCA video cable
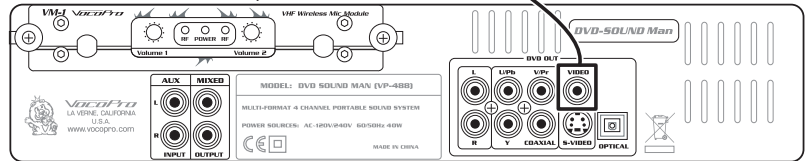- TV or Monitor with RCA inputs

To connect to a TV or Monitor:
1. Connect one end of the RCA cable to the VIDEO output on the rear panel of the DVD-SOUNDMAN.
2. Connect the other end of the RCA cable to the VIDEO INPUT jack on your TV or Monitor.
   NOTE: While some TVs automatically switch when a video signal is detected, you may need to manually switch your TV to the correct video input. On most TVs, the INPUT jack is labeled A/V, AUX or VIDEO IN.

DVD-SOUNDMAN rear panel

Using S-Video:

What you will need:
- S-Video cable
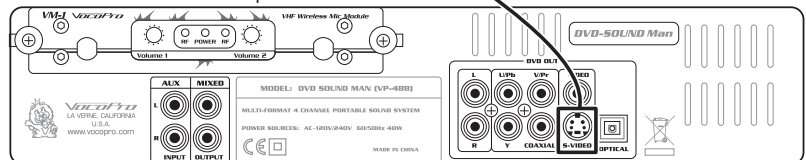- TV or Monitor with an S-Video input

To connect to a TV or Monitor:
1. Connect one end of the S-Video cable to the S-VIDEO output on the rear panel of the DVD-SOUNDMAN.
2. Connect the other end of the S-Video cable to the S-VIDEO INPUT jack on your TV or Monitor.
   NOTE: While some TVs automatically switch when a video signal is detected, you may need to manually switch your TV to the correct video input. On most TVs, the INPUT jack is labeled A/V, AUX or VIDEO IN.

DVD-SOUNDMAN rear panel

Getting Connected, cont.

Connecting a TV or Monitor to the DVD SOUNDMAN

Using Component (YPBPR) video:

What you will need:
- Component (YPBPR) video cable
- TV or monitor with component (YPBPR) video inputs

To connect to a TV or Monitor:
1. Connect one end of the component (YPBPR) cable to the Y, PB, PR outputs on the rear panel of the DVD SOUNDMAN.
2. Connect the other end of the Component (YPBPR) cable to the Component (YPBPR) jack on your TV or Monitor.

NOTE: While some TVs automatically switch when a video signal is detected, you may need to manually switch your TV to the correct video input. On most TVs, the INPUT jack is labeled A/V, AUX or VIDEO IN.

TV

DVD-SOUNDMAN rear panel
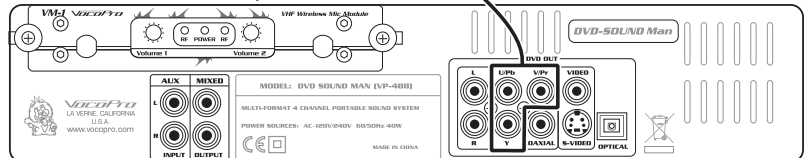
Descriptions and Functions
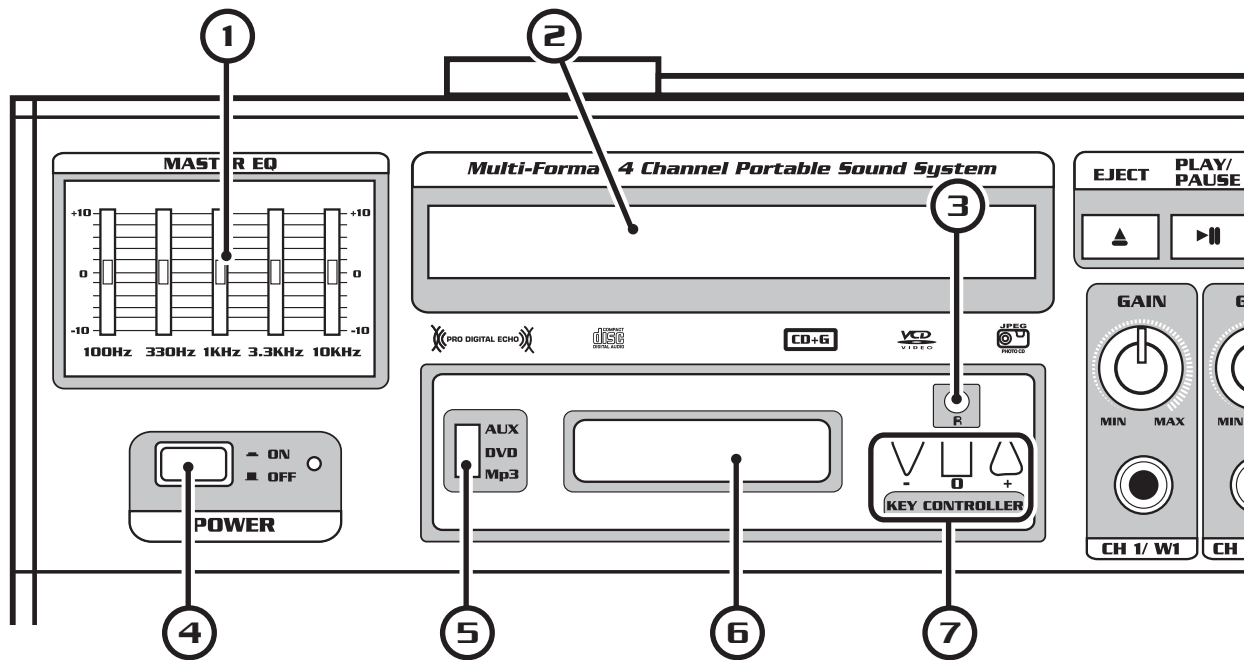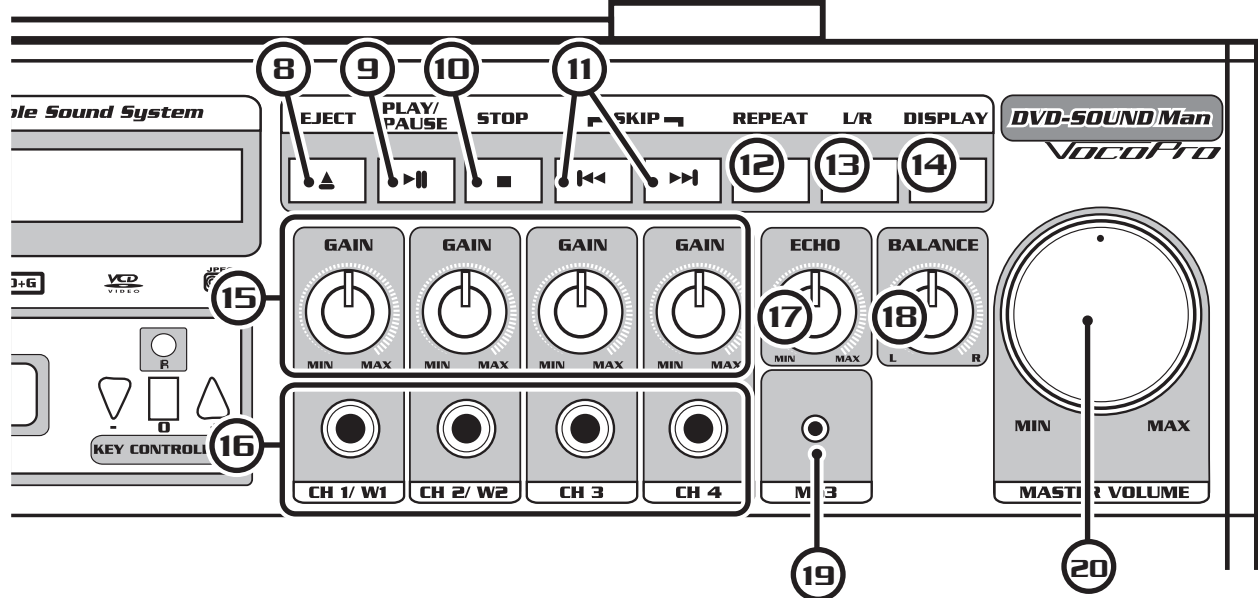

Front Panel

1. Graphic Equalizer Control - This GRAPHIC EQ is used to BOOST and/or CUT particular frequencies. Each slide fader processes a particular frequency range indicated by the number below it. Frequencies from 100Hz - 330Hz constitute the very low to low range. Frequencies from 330Hz to 1kHz are the mid-range and frequencies from 1kHz to 10kHz make up the high to very high range. To adjust, slide the fader up to boost the frequency presence and down to cut the frequency presence.
NOTE: This control only changes the output of the DVD-SOUNDMAN's on-board speakers. It does not affect the output of the stereo RCA or digital audio outputs on the rear panel.

2. Disc Tray - Press the EJECT button (⏏) to open the DISC tray. Carefully set your disc onto the tray and press the EJECT button (⏏) again to close tray. Never push or force the tray closed manually.
NOTE: The Source Selector Switch must be set to DVD to open and close the disc tray.

3. Remote Control Sensor - Receives signals from the remote control. For best results, aim the remote control directly at this sensor.

4. Power Button - Use this switch to power the DVD SOUNDMAN ON or OFF.

5. Source Selector Switch - Use this switch to select which audio source you want to use:
AUX: The RCA audio inputs on the back panel.
DVD: The disc player.
Mp3: The 1/8" audio input jack on the front panel.

6. VFD Display - Displays track, playback and setting information.

7. Key Controller - Adjusts the musical key of music to fit the singer's vocal range. Press the DOWN (-) button to lower the musical key. 0 - resets the music to the original or 'natural' key. Press the UP (+) button to raise the musical key.
NOTE: Digital Key Control changes the key of music but will not affect the microphone vocals.

Descriptions and Functions

Front Panel

8. Eject Button (⏏) - Opens and closes the disc tray.
   NOTE: The Source Selector Switch must be set to DVD to open and close the disc tray.

9. Play/Pause Button (▶❙❙) - Plays a disc that is stopped or paused and pauses a disc that is playing.

10. Stop Button (■) - Stops a disc that is playing.

11. Skip Buttons (◀◀ ▶▶) - Press ◀◀ (PREV) to jump to the previous track or chapter. Press ▶▶ (NEXT) to jump to the next track or chapter.

12. Repeat Button - Cycles through the available repeat options: Repeat One, Repeat All, Repeat Off.

13. L/R Button - Cycles through the different multiplex CD+G output modes for canceling the vocals: MONO-LEFT, MONO-RIGHT, STEREO. See the Operations section in this manual for detailed instructions on canceling vocals on multiplex CD+G discs.

14. Display Button - Switches the display between time elapsed, and time remaining.

15. Channel Gain Controls - Control the level of the gain on the individual microphone channels with each of these knobs. Turn clockwise to increase, counter-clockwise to decrease.

16. Microphone Channel Inputs - Use these four channel inputs to connect wired microphones or instruments with a 1/4" plug.
   NOTE: Plugging a wired mic or instrument into channel 1 will switch off wireless mic 1. Plugging a wired mic or instrument into channel 2 will switch off wireless mic 2.

17. Echo Control - This controls the overall level for the ECHO effect on all four MIC INPUTS. This effect applies slight delayed repetition(s) to the vocals providing for a rich, layered vocal sound. Rotate clockwise to increase the amount of ECHO effect applied to the signal, and counter-clockwise to decrease.

18. Balance Control - This control adjusts the amount of sound that comes from the left or right channels. Turn the knob clockwise to reduce the volume of the left channel. Turn the knob counter-clockwise to reduce the volume of the right channel.

19. Mp3 Input - Connect an Mp3 player or any output device to the 1/8" audio input.

20. Master Volume Control - Control the volume output of all audio with the MASTER VOLUME Control. Turn clockwise to increase volume, counter-clockwise to decrease.
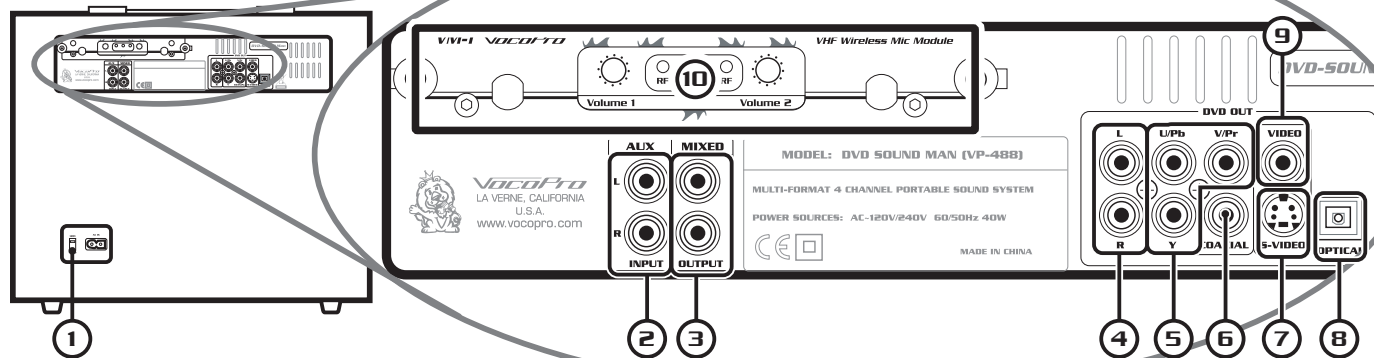
Rear Panel

1. **AC Power Input and Voltage Selector Switch** - Connect the power cord here. The voltage selector switch is used to select the voltage setting according to country.
   US: 120V
   Europe: 240V

2. **AUX Audio Input** - You can connect an external audio device to these inputs with a stereo RCA cable.

3. **Mixed Audio Output** - Connect RCA audio cable from this connection to your TV or input device's audio input.

4. **Stereo RCA Audio Output** - Connect RCA audio cable from this connection to your TV or input device's audio input.
   NOTE: Microphone vocals are not present on this output.

5. **Component (Y/Pb/Pr) Video Output** - Connect component video cables from this connection to your TV's component video input.

6. **Digital Coaxial Audio Output** - Connect RCA audio cable from this connection to a receivers digital coaxial audio input.
   NOTE: Microphone vocals are not present on this output.

7. **S-Video Output** - Use an S-Video cable to connect from this output to a TV or monitor with an S-Video input.

8. **Digital Optical Audio Output** - Use a digital optical audio cable to connect from this output to a receiver with a digital optical audio input.
   NOTE: Microphone vocals are not present on this output.

9. **RCA Video Output** - Connect an RCA video cable from this connection to your TV or input device's video input.

10. **Wireless Module** - See the Wireless Module description on the next page.

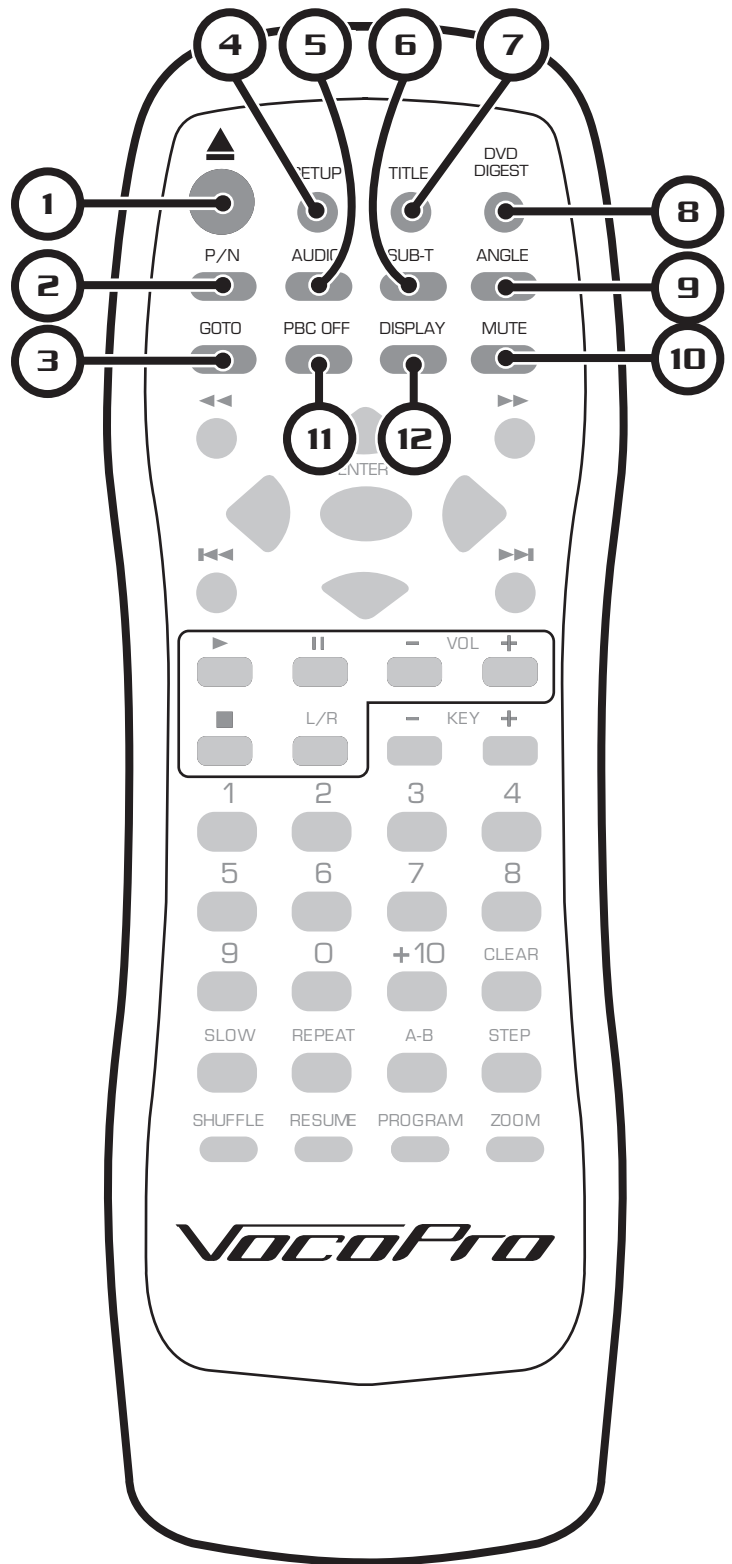# Descriptions and Functions, cont.
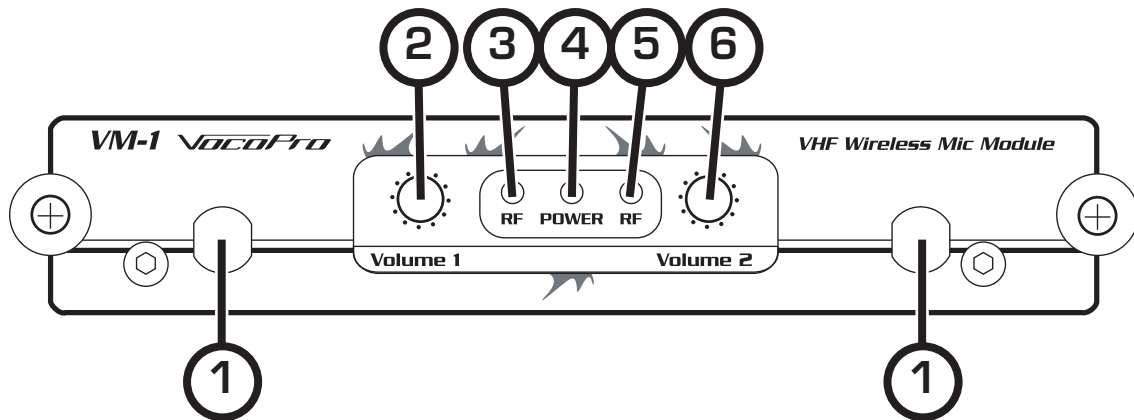
Wireless Microphone Module

1. Antenna Connectors - Connect each antenna to each connector.

2. Channel 1 Volume Control - Turn this dial clockwise to increase the volume of wireless channel 1, turn counter-clockwise to decrease.

3. RF Indicator - This LED will light when the wireless mic 1 is switched on.

4. Power Indicator - This LED will light when the power is turned on.

5. RF Indicator - This LED will light when the wireless mic 2 is switched on.

6. Channel 2 Volume Control - Turn this dial clockwise to increase the volume of wireless channel 2, turn counter-clockwise to decrease.

NOTE: Plugging a wired mic or instrument into channel 1 on the front panel will switch off wireless mic 1. Plugging a wired mic or instrument into channel 2 will switch off wireless mic 2.
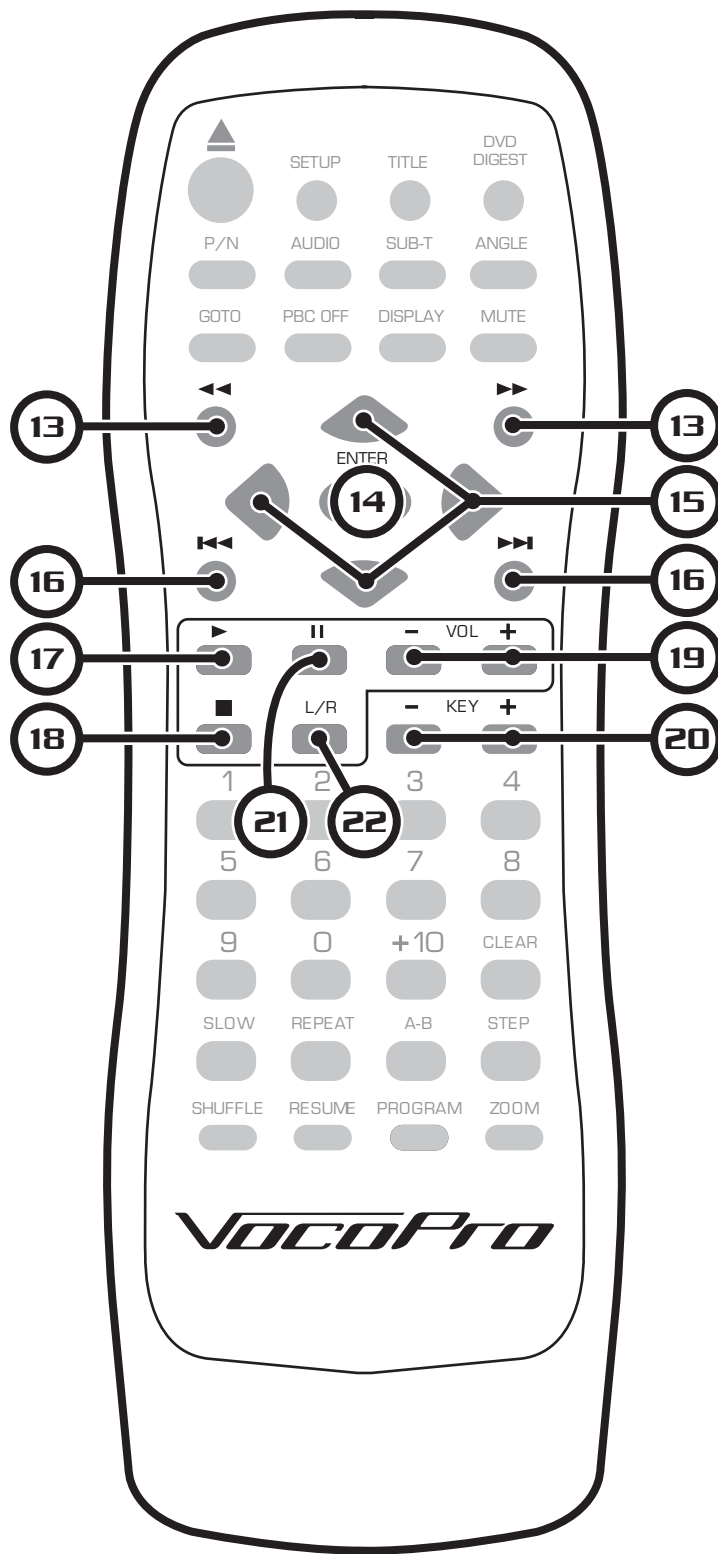
Descriptions and Functions, cont.

Remote Control

1. **Open/Close (⏏)** - Opens and closes the disc tray.
   NOTE: The Source Selector Switch must be set to DVD to open and close the disc tray.

2. **P/N** - Use this button to switch between NTSC and PAL format video output.
   NTSC: US and Asia
   PAL: Europe

3. **Goto** - Use this button to jump to a specific track or time. Use this button in combination with the left and right arrow keys and the number pad to enter tracks and times, then confirm with the enter button.

4. **Setup** - Use this button to access the on-screen setup menu. For more information about the setup menu, see the operations section of this manual.

5. **Audio** - Use this button to cycle through the available audio languages on a DVD.
   NOTE: Not all DVDs have multiple language tracks.

6. **Sub-T** - Use this button to change the on-screen DVD subtitles.
   NOTE: Not all DVDs have subtitles available.

7. **Title** - Returns to the title menu. (not available on all discs.)

8. **DVD Digest** - This button creates a menu of the sections of a VCD disc.

9. **Angle** - Use this button to change the viewing angle of the DVD.
   NOTE: Not all DVDs have multiple angles available.

10. **Mute** - This button mutes the audio output.

11. **PBC OFF** - This button turns on and off the menu navigation on VCD discs.

12. **Display** - Use this button to access and cycle through the on-screen display.

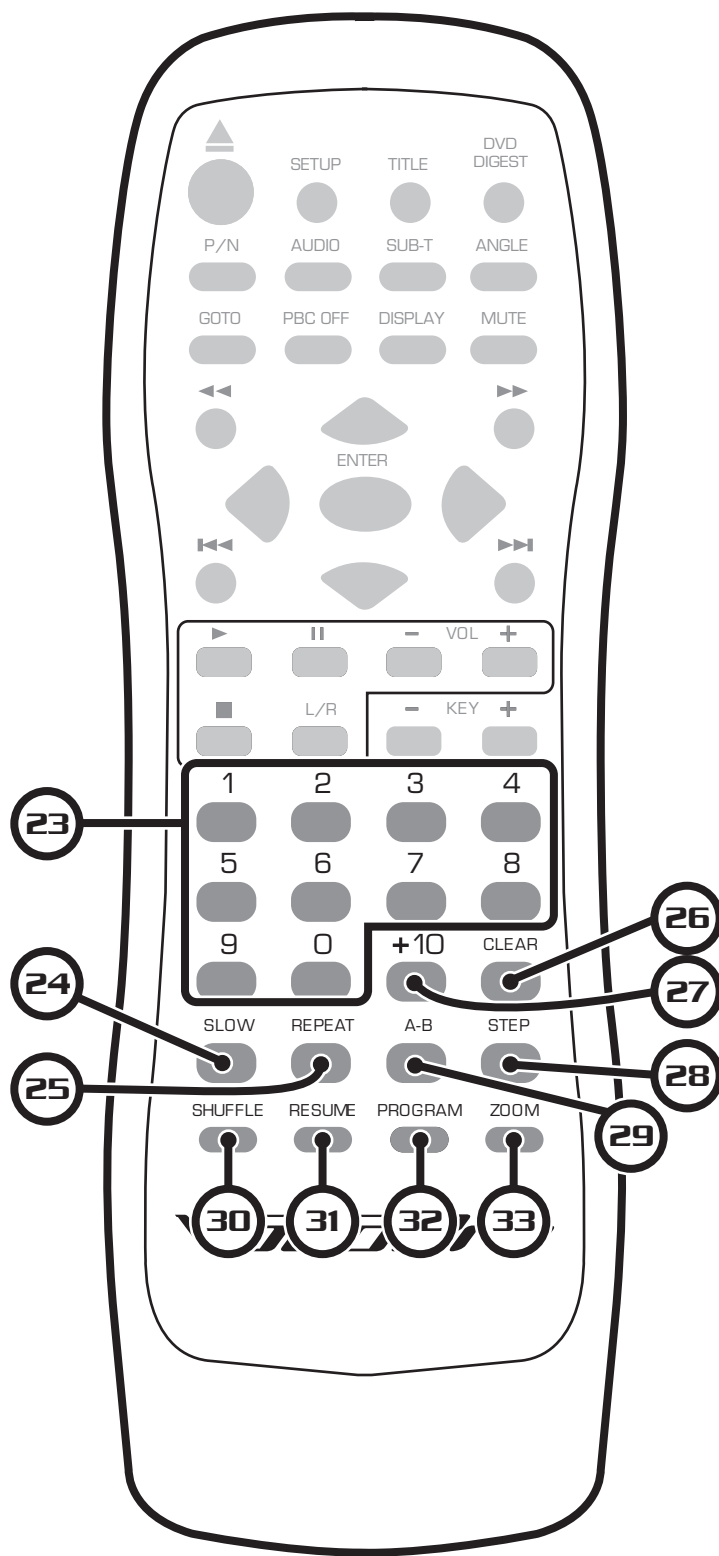# Descriptions and Functions, cont.

Remote Control continued

13. **Scan** - Use these buttons to cycle through the fast forward and fast reverse settings.

14. **Enter** - Use this button to confirm selections in the on-screen menu.

15. **Direction Arrows** - Use these buttons to nagivate the on-screen menus.

16. **Skip** - Use these buttons to skip to the next/previous chapters or tracks.

17. **Play** - Plays a disc that is stopped or paused.

18. **Stop** - Stops a disc that is playing.

19. **Vol-+** - Use these buttons to increase or decrease the volume of the audio.

20. **Key-+** - Use this button to change the key of the music. See the operations sections of this manual for more information.
NOTE: Key control does not adjust the microphone audio.

21. **Pause** - Pauses a disc that is playing. Pressing pause again (DVD) will select step mode, which will advance one frame every time pause is pressed again. Press play to resume play.

22. **L/R** - Cycles through the different multiplex CD+G output modes for canceling the vocals: MONO-LEFT, MONO-RIGHT, STEREO. See the Operations section in this manual for detailed instructions on canceling vocals on multiplex CD+G discs.

Descriptions and Functions, cont.

Remote Control continued

23. **Number Pad** - Use the number pad to access tracks directly.

24. **Slow** - Cycles through the slow play options.

25. **Repeat** - Cycles through the available repeat options: CD/CD+G: Repeat One, Repeat All, Repeat Off. DVD: Repeat Chapter, Repeat Title, Repeat Off.

26. **Clear** - Clears numeric inputs.

27. **+10** - Use this button in combination with the number pad. To enter track 23: Press +10 twice then 3.

28. **Step** - Use this button to advance video forward one frame at a time.

29. **A-B** - Use this button to set a repeating loop. See the operations section of this manual for more information.

30. **Shuffle** - Use this button to shuffle the track play order.

31. **Resume** - Use this button to turn on and off the resume function.

32. **Program** - Opens the program menu. See the operations section of this manual for further instructions.

33. **Zoom** - Cycles through the zoom in and zoom out settings.

Descriptions and Functions, cont.
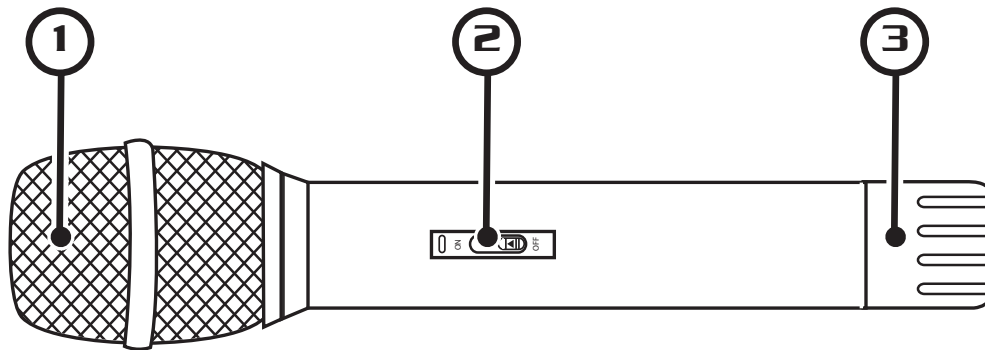
Microphone

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 Battery Installation

Unscrew the micphone battery compartment cap and insert the 9-volt alkaline battery. Be sure to observe proper polarity (+/-). Tighten the battery compartment lid.
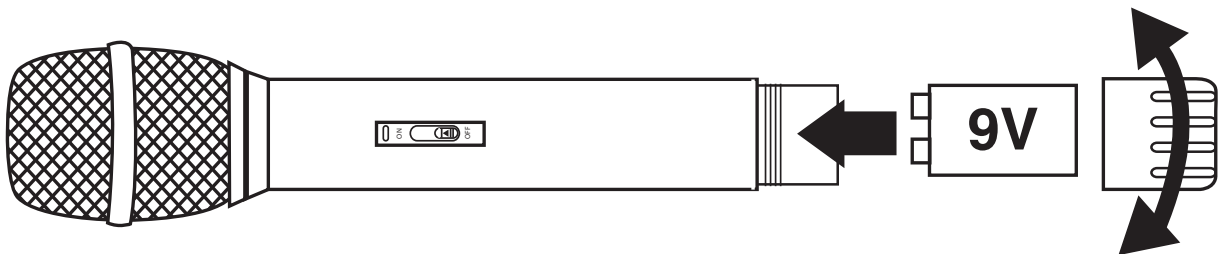
General Operations

Playing a CD or CD+G Disc
1. Set the Source Selector Switch to DVD.
2. Press the EJECT button to open the disc tray.
3. Place the disc in the disc tray.
4. Press the EJECT button to close the disc tray. **NOTE:** DO NOT manually force the tray closed.
5. Press the PLAY/PAUSE button to begin playing the disc.

Performing Karaoke
The DVD-SOUNDMAN provides microphone support, playback of CD+G discs and vocal adjustments to allow you to create Karaoke performances of your favorite songs. Follow these steps to ensure that your Karaoke performance is the best it can be.

1. Switch on the wireless microphone(s) or connect wired microphone(s) to the input(s) on the front of the DVD SOUNDMAN.
   NOTE: Plugging a wired mic into channel 1 will switch off wireless mic 1. Plugging a wired mic into channel 2 will switch off wireless mic 2.
2. Adjust the individual microphone settings for each channel with the GAIN knobs.
3. Begin music playback of your CD+G with the DISC PLAYER, and use the GAIN knobs and the MASTER VOLUME knob to match the volume of the audio with the volume of your microphone vocals to make sure you and your music can be heard loud and clear.
4. If you feel that your voice pitch does not match the music perfectly, use the KEY CONTROLLER on the front panel or remote control to raise or lower the key of the music.
5. Feel free to adjust any of these knobs further to make your sound even better. After time you will know what settings are optimal for your individual sound.

Skipping to Tracks or Chapters
1. Use the ◄◄ and ►►| buttons on the front panel or remote control to skip to CD tracks or DVD chapter.
2. Press the ►►| button to skip forwards to the next track or chapter.
3. Press the |◄◄ button to skip backwards to the previous track or chapter.

Scanning through Tracks or Chapters
1. Use the ◄◄ and ►► buttons on the remote control to scan through CD tracks of DVD chapters.
2. Press the ►► button to scan forwards through the current track.
3. Press the ◄◄ button to scan backwards through the current track.
NOTE: Track scanning is not available during CD+G playback.

Adjusting the Master Volume
1. Use the MASTER VOLUME knob on the front panel to adjust the volume.
2. Turn the knob clockwise to increase the volume, turn the knob counter-clockwise to decrease the volume.

The volume can also be adjusted from the remote control. Using the remote control to adjust the volume will change the volume of the DVD-SOUNDMAN's built-in speakers and the outputs on the rear panel.

Programming a Custom Track Order
The DVD SOUNDMAN allows you to create a custom playlist of up to 16 tracks using the PROGRAM button on the remote control.

1. Connect the DVD-SOUNDMAN to a TV or Monitor. See the Getting Connected section for more detailed instructions.
2. Set the source selector switch to DVD.
3. Put a disc in the disc tray of the DVD SOUNDMAN, make sure it is stopped.
4. Press the PROGRAM button on the remote control. The program menu will appear on the TV or Monitor screen.
5. Use the arrow keys on the remote control to highlight an empty track slot.
6. Use the number keys on the remote control to enter the track number you want in that slot.
7. Use the arrow keys on the remote control to move to the next empty slot. Repeat steps 5 and 6 until your custom track list is complete.
8. Press play on the remote control to begin playing your custom track order.

General Operations

Using Digital Key Control
Digital Key Control allows you to change the musical key of disc music to fit any singer's vocal range. The Digital Key Control buttons are located on the front panel and remote control. Note that the music will be increasingly distorted with each step away from the natural key.

- **−** Lowers the musical key
- **0** Resets the musical key back to the original or natural key
- **+** Raises the musical key

Setting Repeat Options
Press the REPEAT button on the front panel to cycle through the available repeat options.
DVD:
- CHAPTER: Repeats the same chapter of a movie continuously
- TITLE: Repeats the same title continuously
- REP ALL: Repeats the entire disc after it has played through
CD:
- REPEAT 1: Repeats the same track continuously
- REP ALL: Repeats the entire disc after it has played through
Mp3 disc:
- REPEAT 1: Repeats the same track continuously
- REP DIR: Repeats the entire directory or folder after it has played through
- REP ALL: Repeats the entire disc after it has played through

Switching Between PAL and NTSC Video Modes
Use the P/N button on the remote control to switch between PAL and NTSC.

NTSC: North America
PAL: Europe and Asia

Looping a Section of Disc using the A–B Button (CD, VCD, DVD and USB)
1. Press the A–B button on the remote control to set the starting point of the loop.
2. Press the A–B button again to set the ending point of the loop and to begin the loop.
3. Press the A–B button a third time to cancel the loop and resume normal playback.

Using L/R to cancel vocals on multiplexed discs
Press the L/R button on the front panel or on the remote control to cycle through the mono-L mono-R and stereo modes. This feature can be used to cancel vocals that are only present on the left or right channel.

MONO-L: Only the left channel is present, but outputs through the left and right speakers.
MONO-R: Only the right channel is present, but outputs through the left and right speakers.
Stereo: No effect.

Setup Menu

System Setup

TV System - Sets the video output format for different regions.
- NTSC - US, ASIA
- PAL6O - Europe
- PAL - Europe
- AUTO - Automatically detects format

Auto Play - Sets the disc play options.
- ON - A disc will play when inserted
- OFF - A disc will only play when the play button is pressed

Video - Sets video output modes for the component and S-Video outputs for compatibility with various TVs. See your TV instruction manual to determine which setting is needed.
- INTERLACE-YUV - Sets component output to YUV
- TV-RGB - Sets component output to RGB
- P-SCAN YPBPR - Sets component output to YPBPR
- PC-VGA - Not supported on this model
- S-VIDEO - Sets output to the S-VIDEO jack on the rear panel

TV Type - Sets the aspect ratio for compatibility with various TV types. See your TV instruction manual to determine which setting is best.
- 4:3PS - Standard Pan and Scan
- 4:3LB - Standard with letterbox
- 16:9 - Widescreen

Password - Sets the numeric password. Use the number pad to enter a password. Then press the enter button to set it. To unlock, enter the password using the number pad and then press enter.
The factory default password is OOOO.

Rating - Sets the viewing permissions. This can only be changed if the password icon is set to unlock.

Default - This setting will change all the system setup options back to their default factory settings.
- RESTORE - Restores default factory settings

Resume - Sets the disc playback resume options.
- ON - Begins playback of a disc from the last point it was stopped
- OFF - Begins playback at the beginning of the disc

Language Setup

Osd Language - Sets the lanuage of the on-screen display.
- ENGLISH
- CHINESE
- GERMAN
- SPANISH
- FRENCH
- PORTUGUESE

Audio Language - Sets the Audio language for DVDs.
NOTE: Not all DVDs have multiple languages.

Subtitle Lang - Sets the language of the subtitles for DVDs.
NOTE: Not all DVDs have multiple language subtitles.

Menu Lang - Sets the language for the DVD menu.
NOTE: Not all DVDs have multiple language menus.

Setup Menu

Audio Setup

Audio Out

SPDIF/OFF - Disables digital audio output
SPDIF/RAW - Select for multi-channel digital amplifiers
SPDIF/PCM – Select for 2-channel digital amplifiers

Key

Use this setting to adjust the key of the music.

Video Setup

Brightness - This setting will make the on screen image lighter or darker.

Contrast - This setting will make light colors lighter and dark colors darker.

Hue - This setting will change the color tint of the on screen image.

Saturation - This setting will increase or decrease the amount of color in the on screen image.

Sharpness - This setting will increase or decrease the sharpness of the on screen image.

Speaker Setup

Downmix

LT/RT - Select this when playing a multiplexed format disc.

Stereo - Select for a standard stereo output.

VSS - Select when playing a disc formatted with virtual surround sound.

Digital Setup

Op Mode - This setting changes the output of the stereo RCA outputs.

LINE OUT - Standard line level
RF REMOD - Increases the output level

Dynamic Range - This setting allows you to play music at a lower volume without losing the original quality of the sound. Great for late night use.

OFF: No Compression
2/8: High compression for quieter (late night) use
4/8: Medium compression for general use
6/8: Low compression
FULL: Full-volume cinematic sound

Dual Mono

STEREO OUTPUT: Outputs audio in stereo

L-MONO: Plays the Left side only through both Left and Right speaker outputs on a Multiplex disc

R-MONO: Plays the Right side only through both the Left and Right speaker outputs on a Multiplex disc

MIX-MONO: Plays virtual stereo with Left and Right Mono coming out of the Left and Right speaker outputs

Troubleshooting

There is No Power

- Make sure the power cord is firmly connected to the power outlet.
- If using a power strip/surge-protector, make sure that it is plugged in and switched on.
- Check to make sure the power switch is in the on position.

There is No Sound from Disc

- Make sure everything is connected firmly and properly.
- Make sure the source selector switch is set to DVD.
- Make sure the volume is turned up using the remote control.
- Make sure there are no defective cables.
- Make sure all of your components are turned on.
- Make sure all of the components (amp, mixer, TV, etc.) are set to the proper inputs.

No Picture

- Make sure everything is connected firmly and properly.
- Make sure there are no defective cables.
- Make sure all of your components are turned on.
- Make sure all of the components (amp, mixer, TV, etc.) are set to the proper inputs.
- Make sure the TV or monitor is working correctly.

The Disc Does Not Play

- Make sure the Source Selector Switch is set to DVD.
- Make sure the disc is inserted correctly (label-side up).
- Make sure the disc is clean and not scratched.
- If using a CD-R/RW, try using a different brand as some brands might not be compatible.
- Clean the DVD lens using a DVD lens cleaner.

The Picture is Unclear

- Make sure the disc is not dirty or damaged.
- Make sure that the TV TYPE is set correctly:
  NTSC: In North America, Japan and many other Asian countries
  PAL: In Europe
- Try restarting the disc player.

VocoPro

PROFESSIONAL VOCAL SYSTEMS

DVD SOUNDMAN Owner's Manual
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