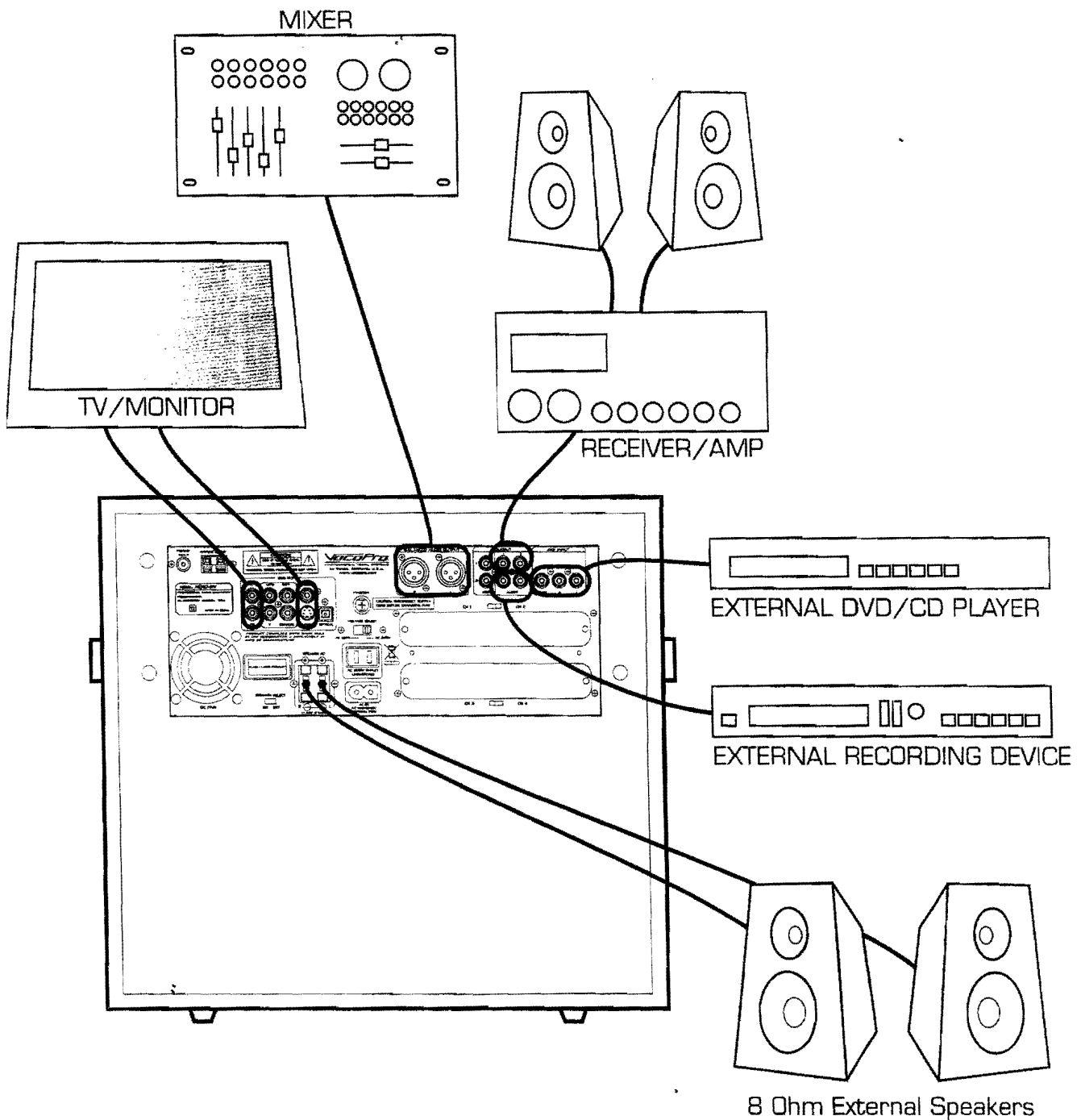
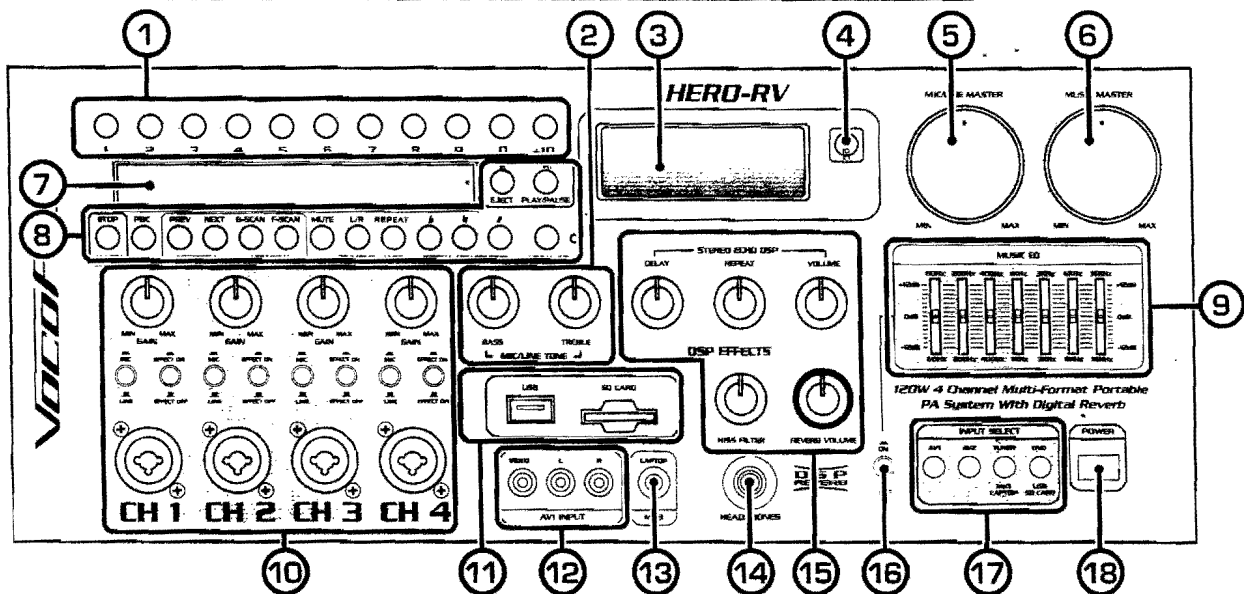


Getting Connected

The HERO-RV is an all-in-one unit, but has plenty of connections to incorporate it into any setup. The diagram below shows some optional connections.



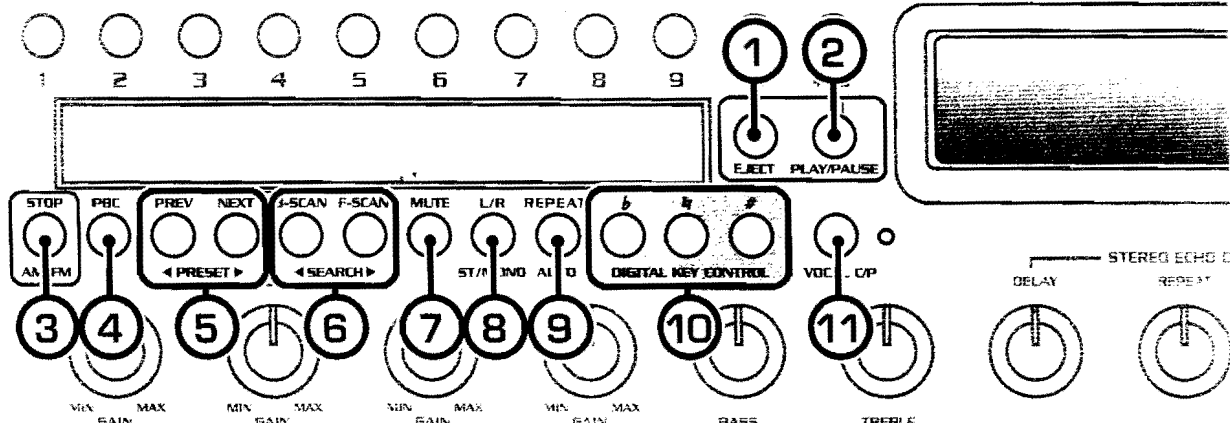
Descriptions and Functions



Front Panel

1. **Direct Track Access Buttons** - In playback mode, use these buttons to jump directly to a track for playback. In radio mode, these buttons set and select radio presets.
2. **Mic/Line Tone, Bass/Treble Controls** - Use these controls to boost or reduce the amount of bass and treble in the Microphone/Line audio. These effects can be switched on and off each input individually using the EFFECT ON/OFF buttons on the Mic/Line channels.
3. **Display** - This screen displays information about the track time, current input, etc.
4. **Remote Control Infrared Receiver** - This lens receives signals from the remote control.
5. **Mic/Line Master Level Control** - Use this knob to increase or decrease the volume of the Mic/Line channels.
6. **Music Master Level Control** - Use this knob to increase or decrease the volume of the music.
7. **Disc Tray** - Insert discs here for playback.
8. **Disc Control Buttons** - See page 13 for more details.
9. **Graphic Equalizer** - 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 60Hz - 250Hz constitute the very low to low range. Frequencies from 250Hz to 1kHz are the mid-range and frequencies from 1kHz to 16kHz 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.
10. **Mic/Line Inputs and Controls** - See page 14 for more details.
11. **USB and SD CARD ports** - Plug a USB jumpdrive or SD card in these ports for playback.
12. **Front Panel AV Input** - Use this input to attach an external player to the HERO-RV.
13. **1/8" Mp3 Player/Laptop Input** - Use this jack to attach a Mp3 player, laptop or other media device with a 1/8" connector.
14. **1/4" Headphone Jack** - Use this jack to attach headphones to the HERO-RV. Note: Plugging in headphones will switch off the on-board speakers.
15. **DSP Effects** - See page 15 for more details.
16. **Graphic EQ ON/OFF Switch** - Use the switch to enable/disable the Graphic EQ.
17. **Input Selector Buttons** - Use these buttons to select the music input/source. Press AV1 to select the RCA input on the front panel, and AV2 to select the RCA input on the back panel. Press TUNER to toggle between the AM/FM radio and the 1/8" input on the front panel. Press DVD to toggle between the disc player, USB jumpdrive reader and SD card reader.
18. **Power Switch** - Use this button to power the HERO-RV on and off.

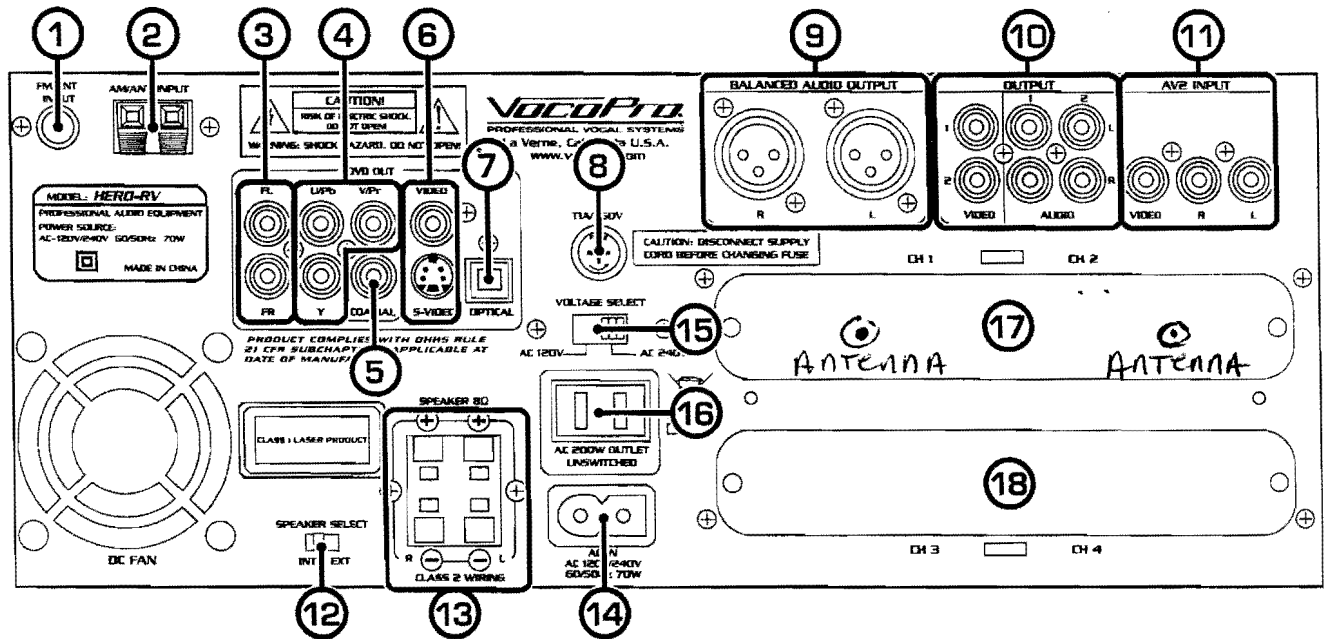
Descriptions and Functions cont.



Disc Player Control Buttons

1. **Eject Button** - Use this button to open and close the disc tray.
2. **Play/Pause Button** - Press this button to play a track that is stopped or paused, and pause a track that is playing.
3. **Stop/AM/FM Button** - In playback mode, this button will stop a track that is playing. In radio mode, this button toggles between AM and FM radio.
4. **PBC Button** - This button activates menu navigation on VCD Discs.
5. **Prev/Next/Preset Buttons** - In playback mode, press Prev to jump to the previous track, and Next to jump to the next track. In radio mode, use these buttons to jump to the next and previous radio station presets.
6. **B-Scan/F-Scan/Search Buttons** - In playback mode, press B-scan to scan backwards through the current track, and F-scan to scan forward through the current track. In radio mode, use these buttons to scan through radio stations.
7. **Mute Button** - This button will silence the audio from the playback source, but not the microphone audio.
8. **L/R/Stereo/Mono Button** - In playback mode, this button toggles between left channel, right channel and stereo outputs. Selecting L will place the left channel on the left and right channel outputs, and selecting R will place the right channel on the left and right channel outputs. In radio mode, this button switches between stereo and mono output.
9. **Repeat/Auto Button** - In playback mode, this button will cycle through the available repeat options for the current audio media. In radio mode, this button will scan to the next strong radio station signal.
10. **Digital Key Control** - These buttons adjust the key of the disc audio.
 - b** (flat): will lower the key of the music.
 - n** (natural): will return the key to normal.
 - #** (sharp): will raise the key of the music.
11. **Vocal Cancel/Partner** - This button will remove the vocal track from multiplexed discs. The Vocal Cancel Feature removes vocals from multiplex formatted discs. Press the button one time to enable this function. When Vocal Cancel is enabled, the LED will be lit. The Vocal Partner Feature temporarily removes vocals from multiplex formatted discs only when singing into a connected microphone. When the singing stops, the vocal track is automatically resumed. Press the button two times to enable this function. When Vocal Partner is enabled, the LED will be blinking.

Descriptions and Functions cont.



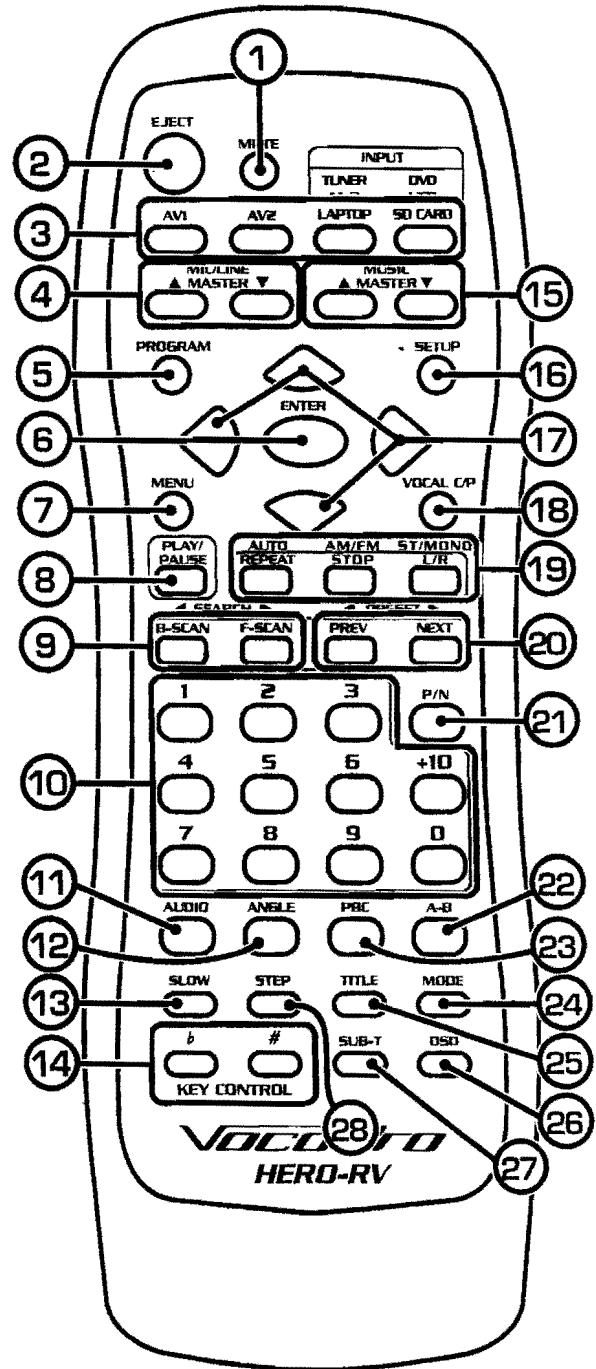
Rear Panel

1. **FM Antenna Input** - Attach the FM antenna here to receive FM radio.
2. **AM Antenna Input** - Attach the AM antenna here to receive AM radio.
3. **FL/FR Audio Output** - Left and Right stereo audio output. Note that microphone audio will not be present on this output. The graphic EQ does not adjust this output.
4. **Component (Y/Pb/Pr) Video Output** - Use this output to connect to a TV or monitor with Component (Y/Pb/Pr) inputs.
5. **Coaxial Digital Audio Output** - Use this audio output to connect to a digital receiver. Note that microphone audio will not be present on this output. The graphic EQ does not adjust this output.
6. **RCA and S-Video Video Outputs** - Use these video outputs to connect to a TV or monitor that has RCA inputs or S-Video inputs.
7. **Optical Digital Audio Output** - Use this audio output to connect to a digital receiver. Note that microphone audio will not be present on this output. The graphic EQ does not adjust this output.
8. **Fuse Cover** - Remove to access the fuse. Note: Replace only with type listed on back panel.
9. **L/R XLR Balanced Audio Output** - Use these outputs to connect the HERO-RV to an external system, such as an in-house system at a club.
10. **RCA A/V Outputs** - Use this output to connect to additional TVs, monitors, recorders, or other devices.
11. **RCA A/V Inputs** - Use this input to connect an external player.
12. **Speaker Selection Switch** - Use this switch to select the onboard speakers, or to select external speakers. Selecting external speakers will switch off the onboard speakers.
13. **External Speaker Output** - Connect optional external speakers here.
14. **AC Power Input** - Connect the power cable here.
15. **Voltage Selector Switch** - Use this to select the voltage. 120V for United States, 240V for Europe.
16. **Power Output** - Use this output to power another device up to 200W.
17. **CH1/2 Optional Wireless Microphone Module Port** - Use this port to install the channel 1 and 2 optional wireless microphone module (sold separately). ATTACH ANTENNA TO BACK FOR WIRELESS MIC
18. **CH3/4 Optional Wireless Microphone Module Port** - Use this port to install the channel 1 and 2 optional wireless microphone module (sold separately).

Descriptions and Functions cont.

Remote Control

1. **Mute Button** - This button will silence the audio from the playback source, but not the microphone audio.
2. **Eject Button** - Use this button to open/close the disc tray.
3. **Input Select Buttons** - Use these buttons to select the music input/source. Press AV1 to select the RCA input on the front panel, and AV2 to select the RCA input on the back panel. Press TUNER to toggle between the AM/FM radio and the 1/8" input on the front panel. Press DVD to toggle between the disc player, USB jumpdrive reader and SD card reader.
4. **Mic/Line Master Volume Buttons** - Use this button to adjust the master volume of the mic/line inputs.
5. **Program Button** - Use this button to enter program mode.
6. **Enter Button** - Use this button to activate a selected menu item in an on-screen menu.
7. **Menu Button** - Use this button to access a disc menu.
8. **Play/Pause Button** - Plays a paused or stopped track, and pauses a playing track.
9. **B-Scan/F-Scan Buttons** - In playback mode, press B-scan to scan backwards through the current track, and F-scan to scan forward through the current track. In radio mode, use these buttons to scan through radio stations.
10. **Number Buttons** - In playback mode, use these buttons to jump directly to a track for playback. In radio mode, these buttons jump to radio presets.
11. **Audio Button** - Will switch between alternate audio tracks on a DVD. Note: Not all DVDs have alternate audio tracks available.
12. **Angle Button** - Use this button to select viewing angles on a DVD. Note: Not all DVDs have alternate viewing angles available.
13. **Slow Button** - Use this button to view DVD video in slow motion.
14. **Digital Key Control Button** - These buttons adjust the key of the disc audio.
b (flat): will lower the key of the music.
(sharp): will raise the key of the music.
15. **Music Master Volume Buttons** - Use this button to increase/decrease the master volume.
16. **Setup Button** - Use this button to access the HERO-RV setup menu.
17. **Arrow Buttons** - Use these buttons to navigate on-screen menus.



Descriptions and Functions cont.

18. Vocal Cancel/Partner Button - This button will remove the vocal track from multiplexed discs.

19. Multi-Function Buttons:

AUTO/REPEAT - In playback mode, this button will cycle through the available repeat options for the current audio media. In radio mode, this button will scan to the next strong radio station signal.

AM/FM/STOP - In playback mode, this button will stop a track that is playing. In radio mode, this button toggles between AM and FM radio.

STEREO/MONO/L/R - In playback mode, this button toggles between left channel, right channel and stereo outputs. Selecting L will place the left channel on the left and right channel outputs, and selecting R will place the right channel on the left and right channel outputs. In radio mode, this button switches between stereo and mono output.

20. Prev/Next Buttons - In playback mode, press Prev to jump to the previous track, and Next to jump to the next track. In radio mode, use these buttons to jump to the next and previous radio station presets.

21. P/N Button - Use this button to switch between PAL and NTSC. Use NTSC for United States and PAL for Europe.

22. A-B Button - Use this button to loop a section of a track. Press once to set the start point, again to set the end point, the track will then loop. Press the button again to exit the loop.

23. PBC Button - This button activates menu navigation on VCD Discs.

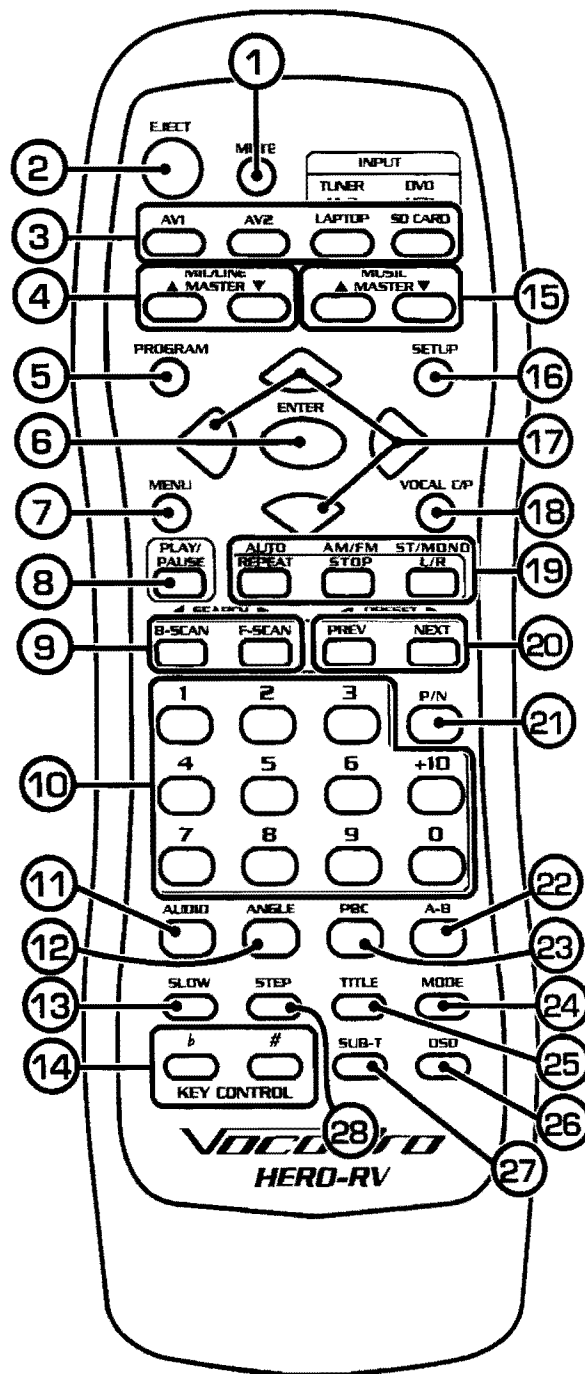
24. Mode Button - Use this button to change the picture mode.

25. Title Button - Use this button to go to the title screen of a DVD disc.

26. OSD Button - Use this button to show/hide the on-screen display, and cycle through the time display modes.

27. Subtitle Button - Use this button to switch between available subtitles on a DVD. Note: Not all DVDs have subtitles available.

28. Step Button - Use this button to advance forward one frame at a time on a DVD.



Troubleshooting

A disc or file is playing, but no sound is coming from the speakers.

Make sure the external/internal speaker switch is set to internal speakers.

Make sure the music master volume is turned up.

If you are playing a VOB file from an SD card or jumpdrive, it may not function as VOB file playback is not supported.

The disc player will not play a particular disc.

Make sure the input select is set to DVD.

Make sure the disc is not scratched or dirty.

Some types of recorded discs may not be compatible with the HERO-RV.

The Graphic EQ has no effect on the music.

Make sure the EQ ON/OFF button is set to ON.

Microphone audio is not present in the speakers.

Make sure the mic is switched on.

Make sure the MIC/LINE button on the mic channel is set to MIC.

Make sure the mic channel and master mic volume are turned up.

An instrument such as a guitar or keyboard that is plugged into the MIC/LINE channels cannot be heard via speakers.

Make sure the MIC/LINE button on the input channel is set to MIC.

Make sure the channel and master mic volume are turned up.

No microphone audio is present in the FR/FL, or digital audio outputs.

This is not a malfunction. Microphone audio is not output through these channels.

A USB Jumpdrive or SD card is not playing.

Make sure the input selector is set to USB or SD.

Make sure the card or drive is formatted with FAT or FAT32. NTFS format cannot be read by the HERO-RV.

If you are playing a VOB file from an SD card or jumpdrive, it may not function as VOB file playback is not supported.

The remote control is not working.

Make sure the HERO-RV is powered on.

Make sure you are within 23 feet of the HERO-RV.

Make sure the remote control batteries are not dead.