

User Manual

NOTE: To ensure this system works safely and to its fullest potential, please read the User Manual carefully before use, and keep it handy for future reference. See important Safety Information on pages 19-20.



Thank you for purchasing Acesonic's PK-1290 Roadwiz 80-Watt Portable Sound System with Digital Recording. Acesonic takes pride in providing its customers with only the most advanced and highest quality products on the market. With proper care and use you will get many years of satisfying use from your Acesonic product.

Be sure to keep original packaging in case re-shipping is required for returns or repairs.

Care and cleaning: Use a slightly damp cloth to clean the front panel and other surfaces of the Roadwiz. Do not use the device in areas that are wet or prone to dampness. Always allow enough room below and around the device to provide sufficient air flow for cooling when it is being used.

First Things First

Included Accessories

Please check that you have all of the following accessories supplied to you. If anything is missing, please

> > continued on page 2 > >

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FEATURES

Your Acasonic PK-1290 Roadwiz 80-Watt Portable Sound System with Digital Recording has everything you need to make music, convert ("rip") CD+G files to the MP3+G format and record digitally. The built-in amplifier allows you to connect keyboards, guitars and microphones to play through the 80-watt speaker. With numerous front- and back-panel inputs, including three stereo RCA-jack AUX IN connections, you can connect any standard audio equipment. If you are familiar with audio equipment, use the Quick Start Guide for setup.

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> > continued from page 1 > >

contact your dealer immediately.

- RCA Composite (Yellow/Red/White) Audio/Video Cable (1)
- Power Cable (1)
- Remote Control (1)
- User Manual (1)
- Quick Start Guide (1)
- Warranty Card (1)

About This Manual

The display window information and On Screen Display (OSD) items are all in UPPER CASE letters.

Precautions

- Select the **correct voltage** (see Figure C, page 9).
- Power Cord: When you are away on travel or won't use the Roadwiz for an extended period of time, **unplug the unit** from the wall outlet.
- When unplugging the player from the wall outlet, always **pull the plug, not the cord**.
- Do not handle the power cord with **wet hands**.
- Do not place the unit in a **moist environment** or in area where there might be an excessive amount of dust build up (e.g. near a fan).
- If water or any liquid should get into the unit, **turn off the power and unplug the unit** from the wall outlet *immediately*. Consult your dealer or an authorized repair station. Using the unit in this state may lead to fire or electrical shock.
- **Avoid:** High temperatures, moisture, water, dust.
- Do not expose the front panel/player component to **direct sunlight** or place near heating devices.

Notes on Usage

- Select a place where the unit will be level, dry, and not too cold or hot.
- Do not use unit on its side or where subject to vibrations (e.g., too close to other speakers).

- Leave sufficient distance between the TV and unit.
- Do not leave heavy or liquid-filled objects on top of the Roadwiz.

Prevent Unit Malfunction

- No parts in this unit are user-serviceable. If the unit no longer functions, unplug it from the wall outlet and contact your dealer for service options.
- Never block the various vents on the unit. These are used to circulate air and keep the temperature of the device down. Blocking the vents may result in damage to the Roadwiz.

Important Information Before You Start

Compatible Media and File Formats

This unit supports the following disc and file formats:

- DVD, AVI, Video CD, Video CD 2.0
- CD+Graphics, Audio CD, HDCD
- MP3, MP3+G, JPEG, MPEG

Above media is playable on the following discs:

- DVD±R, DVD±RW, DVD±R DL, DVD±RW DL, CD-R/RW

Card reader compatible formats:

- SD, Mini SD, MMC (FAT32 format only).

Important Reminders

Any disc that is not listed above will cause the player to display NO DISC in the Display Window. Future media and disc formats may be supported with firmware upgrades, when available.

Encoding methods for some media formats may affect the playback (unable to fast forward, long load time, etc.) so ensure that the encoding process conforms to the standards for that particular format.

Dirty, scratched, warped and defective discs may cause a considerable time delay during the loading and

reading of data. In extreme cases, such conditions may render the disc completely unreadable by the player.

Video Signal Formats

This player accommodates both NTSC and PAL systems, with automatic detection and override settings.

Digital Audio Formats

This player accommodates stereo, analog and several high-resolution digital audio signals.

Note: Depending on AUDIO SETUP > SPDIF settings, digital audio signals may not be output as they are recorded on the disc.

Notes Regarding Discs

With some DVDs, the player starts the playback automatically after inserting the disc, whether the PLAYBACK CONTROL is on or off.

The image may be poor, noisy or grainy due to defects on the actual disc, and some functions as described in this manual may not be possible on all discs.

Maintenance of Discs

Handling

- When handling discs, always hold them from their edges and/or by the circle in the center.
- NEVER write on the any surface of a disc as it

may render the disc unreadable.

- Store discs in a clean and dry environment. Storing CDs vertically will also help prevent warping.
- After use, insert CD into jacket or case to minimize wear and tear. *Do not* stack CDs on top of one another.
- Do not bend or press discs. Do not expose discs to direct sunlight or any heat source.

Cleaning

- Wipe the discs from time to time using a soft cloth. Always wipe from the center toward the edges, *not* in circular motions.
- Do not clean with any cleaning solution unless it is specifically made for disc cleaning.
- CDs revolve at very high speeds inside of players. Never attempt to play cracked or warped CDs, since doing so may cause the disc to shatter or the player to malfunction.

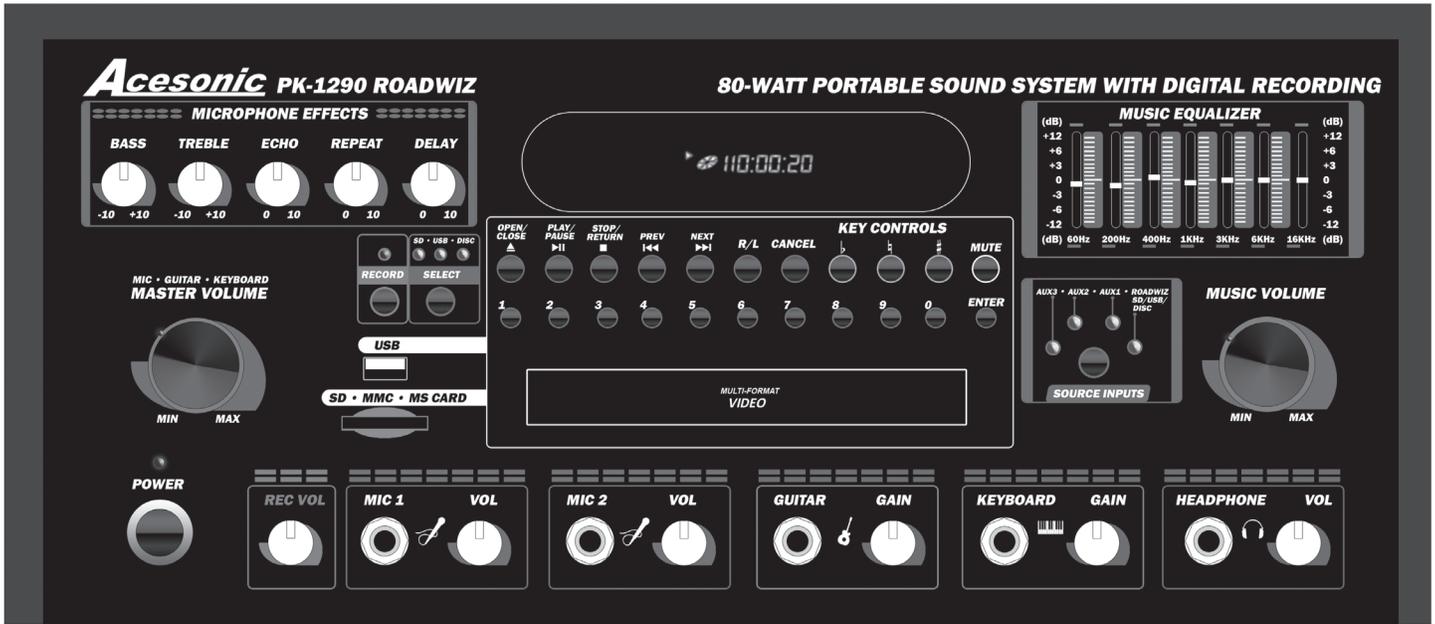
Power Cord

Handle the power cord only by its plug, and do not unplug it by yanking. Touching the cord with wet hands may lead to an electric shock or a short circuit.

If the cord becomes damaged or its wires become exposed, replace it as soon as possible in order to prevent an electric fire or shock. Check the power cord every few months to ensure it is functioning properly.

Compatible Video Formats

Type	USB/SD Card Supported?	Disc Supported?
DivX 4.12 (AVI)	Yes	Yes
DivX 5.02 (AVI)	Yes	Yes
DivX 5.20 (AVI)	Yes	Yes
DivX 5.21 (AVI)	Yes	Yes
XVID (AVI)	Yes	Yes
DivX 6.0 (AVI)	Yes	Yes
DivX 5.11 (AVI)	Yes	Yes
DivX 3.11 (AVI)	No	No
DivX 7.0	No	No
MP4	Yes	Yes
MPEG-1	Yes	Yes
MPEG-2	Yes	Yes
VOB	No	Yes
DAT	Yes	Yes
CD+G	No	Yes
MP3G	Yes	Yes



Front Panel Functions & Operations

Master Volume, Microphone Effects, Recording & USB/Card Section (*above*)

1. **MICROPHONE EFFECTS:** These controls allow you to set tone, echo, repeat and delay effects for the microphone inputs (both front panel and rear panel inputs are affected).
2. **MASTER VOLUME:** Controls the volume of microphones, plus the front panels inputs where guitars and keyboards can be connected.
3. **RECORD:** The RECORD button engages record-



ing to the destination selected in *Item #4* below.

4. **Selects USB, SD/MMC card or recordable disc** in the tray as recording destination. In Roadwiz mode, switches among USB, disc and memory card inputs.
5. **USB and SD/MMC/MS SLOTS:** Play or record MP3+G songs. We recommend high speed (class 4 or higher) SDHC (SecureDigital High Capacity) cards for smooth recording and playback. With USB flash drives, external hard drives, SD/MMC cards and Sony MemorySticks, you can play MP3, VCD and MP3+G files, as well as record in MP3 format. **Note:** USB or SD/MMC/MS media must be FAT32 format.

Player Control Section (*above*)

5. **DISPLAY WINDOW:** Displays player status such as time, disc format and song number. If no disc (or an unsupported one) is in the tray, the display window will display NO DISC. Detailed information will also

be shown on the TV screen if connected.

6. **PLAYER CONTROLS:** Here are your standard disc player controls for open, start, stop, pause, etc.

7. **KEY & MUTE CONTROLS:** Control pitch by halftones with sharp and flat buttons, and return to the original pitch with the natural symbol. **MUTE** button will toggle between mute and normal output.

8. **DISC TRAY & TRACK SELECT:** Input one- and two-digit numbers and press **ENTER**. The **OPEN/CLOSE** button () in *Item #2 above* opens and closes disc tray.

Music Equalizer, Source Inputs, Music Volume (right)

9. **MUSIC EQUALIZER:** Sliding controllers with center detents for seven bands of EQ to tailor sound.

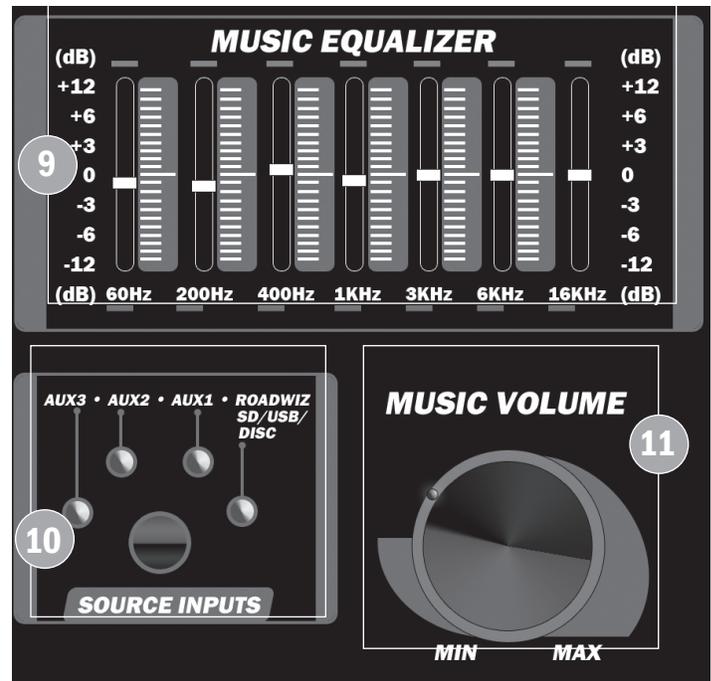
10. **SOURCE INPUTS:** Select the source for the inputs that you wish to hear and/or record.

11. **MUSIC VOLUME:** Standard knob for manual volume control in Roadwiz mode, not for inputs.

Power and Inputs Section (below)

12. **POWER:** Press button for on/off (indicator light shows system power status).

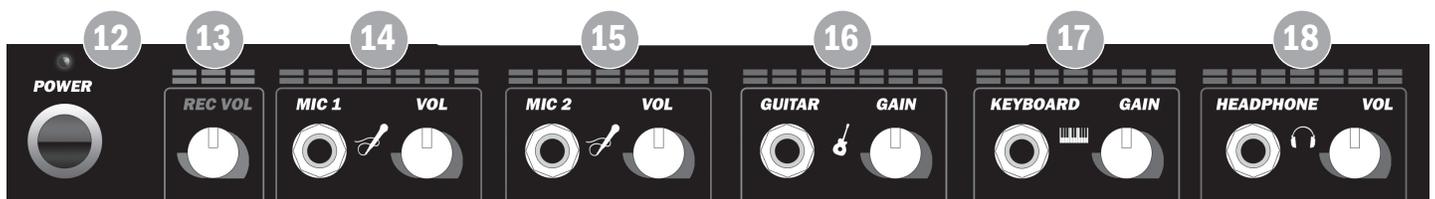
13. **MASTER REC VOLUME:** Sets recording level.



14-15. **MIC INPUTS:** Plus volume control.

16-17. **GUITAR AND KEYBOARD INPUTS:** Plus individual gain controls.

18. **HEADPHONE JACK:** Plus volume control.



You Are Not Alone

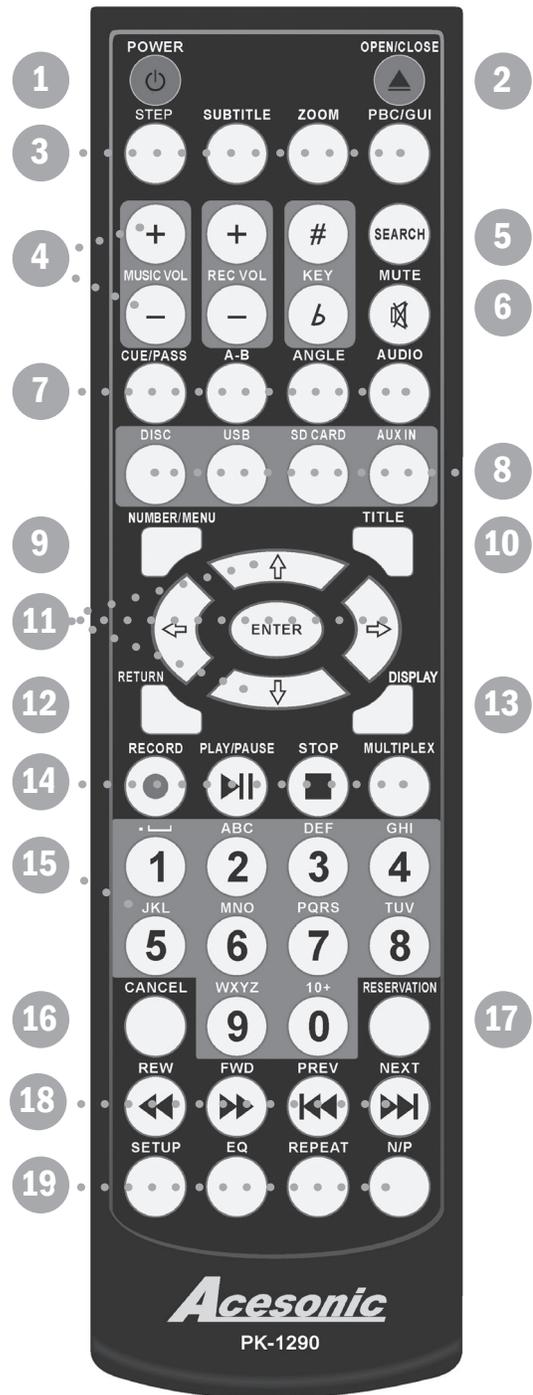
Acesonic is unique among audio and high-tech firms for offering Lifetime Tech Support to users of its equipment. We understand that entirely new groups of people are discovering the enjoyment of performing with karaoke equipment, and working with both analog and digital sound for recording, "ripping" discs, mixing different sound sources and creating their own repertoires (even original music).

There is only so much that can be learned by reading, so we encourage you to explore your Roadwiz while going through this User Manual (and/or the Quick Start Guide for more experienced users). As long as you are careful to select the correct voltage on the rear panel (see Figure C at the top of page 9), there is little chance that you will harm your equipment. Just proceed carefully, always plug appropriate devices in with the correct cables, keep fresh batteries in the remote and use all functions as they are described in the User Manual and Quick Start Guide. Do not open the unit or attempt any repairs or modifications, as this will void your warranty.

If you need help, that's what we're here for. Call Acesonic Technical Support at (626) 820-0645.

Remote Control Functions

1. **POWER BUTTON:** Turn the player on or off.
2. **OPEN/CLOSE:** Opens/closes disc tray.
3. **STEP:** Plays the video frames step by step. Press the **PLAY** button to return to normal playback.
SUBTITLE: If disc supports it, turns titles on/off.
ZOOM: Enlarge a section of video or image currently being viewed.
PBC/GUI: In MP3+G mode, switch between windows and playback display mode. The PBC function is only available for Video CD (VCD) version 2.0 or higher. The function of PBC may differ with different discs. When PBC mode is on, you can select items in the menu by using the **PREVIOUS/NEXT** keys (see *Item #18 below*). When PBC mode is off, you cannot select items in the menu but can use the numeric keys directly or the **PREVIOUS/NEXT** buttons.
4. **MUSIC VOL:** Up/down (+, -) for Music volume.
REC VOL: Same controls for Recording volume.
KEY: Go # or b in halftone steps.
5. **SEARCH:** Directly enter a time to search a disc, and the disc starts playing from that point.
6. **MUTE:** Turn the sound on or off.
7. **CUE/PASS:** Cue switches the mode between Karaoke and DVD. In Karaoke mode, player will be paused after one track has finished playing. In DVD mode, all tracks will be played continuously. Karaoke mode = Cue on; DVD mode = Cue off.
Pass: When playing a DVD disc, you can press **PASS** to skip the menu and play the audio track or movie directly.
A-B REPEAT: The A-B REPEAT function lets you repeat a segment of a track until stopped. To use: (a) Set starting point A. (b) Set end point B. After making the settings, the unit plays from A to B. (c) Press A-B button again until A-B disappears from display.
8. **DISC:** Selects disc as Music source.
USB: Selects USB-connected device for source.
SD CARD: Selects card slot as source.
AUX IN: Selects rear panel AUX IN sources as Music source, use button to switch among them.



9. **NUMBER/MENU:** Press this key once to return to the root menu for DVDs. You can search by song number using number keys in USB/SD mode.
10. **TITLE:** DVDs have numbers that make it easy to identify and locate chapters. You can search by using alphanumeric keys in USB/SD mode.
11. **DIRECTION KEYS & ENTER (↑↓←→):** The arrows let you navigate the menus, **ENTER** selects or okays the choice.
12. **RETURN:** Works with the PCB function to return

to a menu screen while playing.

13. DISPLAY: Shows disc info, if disc supports this.

14. RECORD: Record singing (audio MP3 file only) from CD/VCD discs or record MP3+G (A/V files) from CD+G/MP3+G discs or files. You can change the titles of the recorded files before beginning to record. To rip a single file from CD+G or MP3+G disc, press REC button to start recording. To rip entire CD+G or MP3+G discs to MP3+G files, press REPEAT button until the screen shows REC ALL and then press the RECORD button. The title of the songs cannot be modified when ripping an entire disc.

PLAY/PAUSE: Press to begin playback of selected Music source, or to close disc tray and begin playing automatically. Press again to PAUSE.

When paused, press also to resume playing.

STOP: Stops Music playing.

MPX: Toggles among stereo, left and right channels for output.

15. NUMERIC KEYPAD: Direct entry of numbers

Player Connections

Refer to *Figure A* of the left rear panel, on the following page, to acquaint yourself with the various Roadwiz connections.

A/V Connection

Make sure all power is disconnected from each component before connecting. Plug all cords securely to prevent unwanted noise.

You cannot connect this player to a TV that does not contain a video input jack. The player must be connected to a TV or an amplifier that is connected to a TV or monitor. The TV or amplifier must also contain RCA audio input jacks (left and right channel).

Karaoke Connections

Refer to *Figure A*, left rear panel, on the following page to acquaint yourself with the connections you will need to use to set up your Roadwiz for Karaoke use. First ensure that you have the correct cables for the KARAOKE mode, for both video and audio connections *as shown below*. In *Figure A, Item #6* you will see the stereo mix outputs for sending just the audio program material plus subs to an external device for signal processing, recording or other use.

and letters. "0" key adds 10.

16. CANCEL: Clears current screen or field entry.

17. RESERVATION: Puts song in waiting list.

18. REW (<<) and FWD (>>): REW will move the play location back, FWD will move it forward. PREV skips to previous track, NEXT skips to the upcoming track.

19. SETUP: Press for SETUP menu.

EQ: Select from seven (7) types of equalizers or define your personal one.

REPEAT: Repeat a track or disc. (a) To repeat a track, press REPEAT; the screen shows REP ONE and the unit plays the current track. (b) To repeat all tracks, press REPEAT until the screen shows REP ALL. The unit plays all the tracks on the disc.

N/P: Switches between NTSC and PAL TV output formats. Press the button then press ENTER within two (2) seconds to switch setting, confirming with the on-screen display.

For SURROUND SOUND, see *Figure A, Item #7* for the various RCA connections you will make to your assorted speakers.

Note: SCORE INPUTS support the scoring function from such outside audio inputs as amplifiers and receivers, or can be used as vocal inputs. Scoring only works with discs, and only when a song plays. Score is given at end of song. Make changes to the SETUP menu before use, as follows:

SETUP > AUDIO SETUP > SCORE > ON

For VIDEO OUT, see *Figure A, Item #8* for your options, which are Component (YUV), Composite and S-video. There is also have a digital OPTICAL audio output you can use (*Item #9*).

Back Panel Connections (see *Figure A, next page*)

1. XLR INPUT, KEYBOARD

2. XLR INPUT, GUITAR

3. AUX VIDEO RCA INS: Three (3) video inputs.

4. AUX AUDIO RCA INS: Stereo (L/R, white/red) RCA cables connect here for Audio In.

5. AUX RCA OUTS: Composite signals Out, both

Video (yellow) and Audio (red/white).

5. AUX OUT: Additional RCA A/V outs to send line-level signal(s) to other devices, like amps.

6. KARAOKE MIX RCA OUTS: Stereo lines out and two (2) Subwoofer Outs.

7. MULTIFORMAT KARAOKE PLAYER OUTS:

First three pairs of RCA outputs at left are for SURROUND output. To use Surround, press Remote key (see pages 6-7) or change settings in the SETUP menu: SETUP > SPEAKER SETUP > DOWNMIX > OFF, SUBWOOFER > ON.

SCORE INS: Inputs 1 and 2 support scoring function from outside audio inputs like amplifiers or receivers. Change setting in the SETUP menu: SETUP > AUDIO SETUP > SCORE > ON.

8. OTHER VIDEO OUTS:

- Y, U and V are Component Video Outs.
- Beneath Y, U and V are COAXIAL OUT,

COMPOSITE VIDEO OUT and S-VIDEO OUT. **Note:** Coaxial connects to digital amp or receiver for 5.1 channel sound. Change SETUP menu first: SETUP > AUDIO SETUP > SPDIF OUTPUT > SPDIF/RAM OR SPDIF/PCM. **Note:** Karaoke doesn't work with COAXIAL.

9. OPTICAL OUT: Digital Audio Out for optical cable. **Note:** Karaoke does not work with OPTICAL.

Connecting Roadwiz and Surround Sound

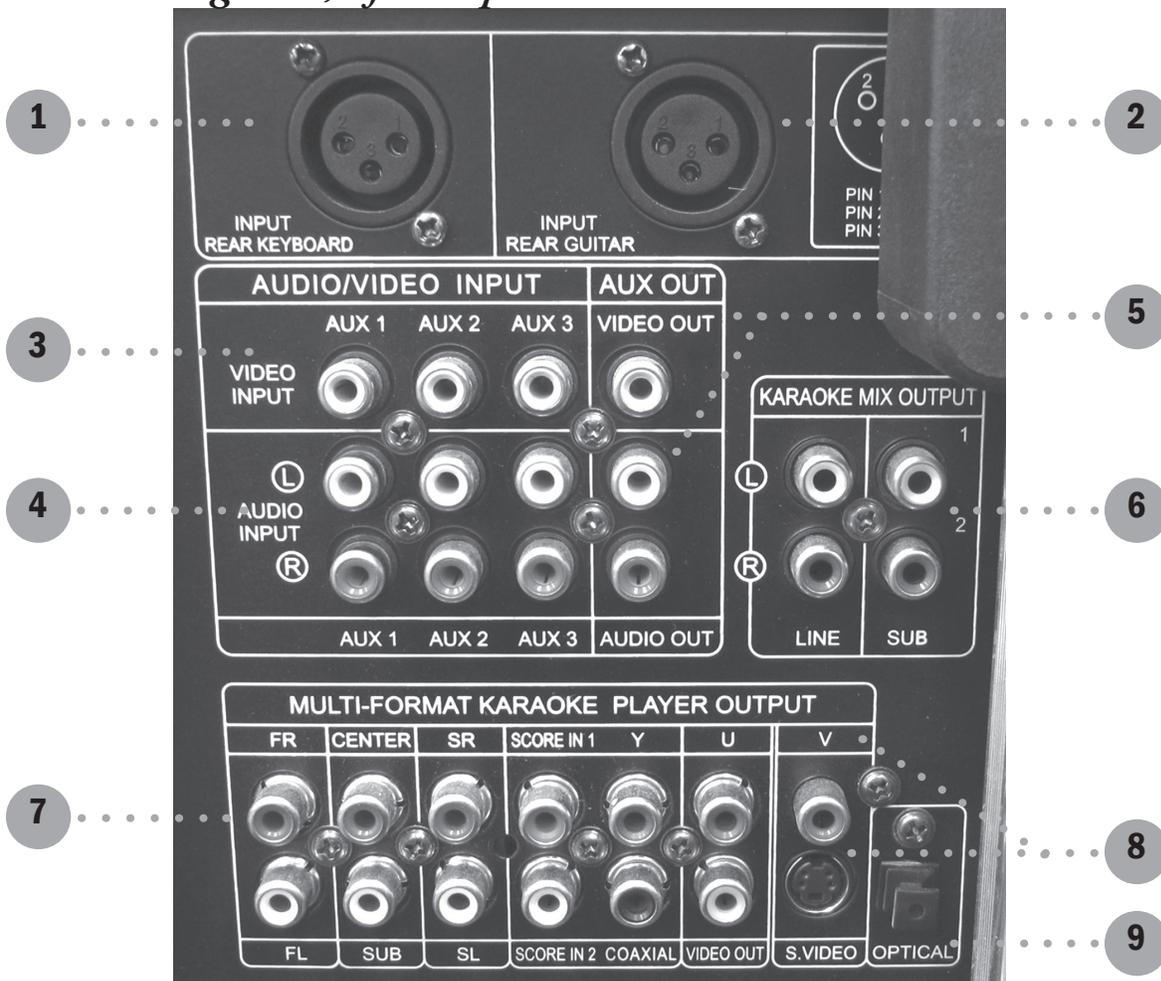
Make sure to connect your Roadwiz to your surround sound speakers appropriately (FR, FL, Center, etc.).

Note: There is NO microphone audio output in SURROUND SOUND mode. Other instances where mic audio will not be available include Optical out, and there is no vocal mixing with DVD music.

External Speakers, Output Select (Figure B, next page)

You can connect your Roadwiz to external speakers with the two pairs of wiring posts on the rear panel, as (see Figure B, next page). The Speaker Output Select

Figure A, left rear panel

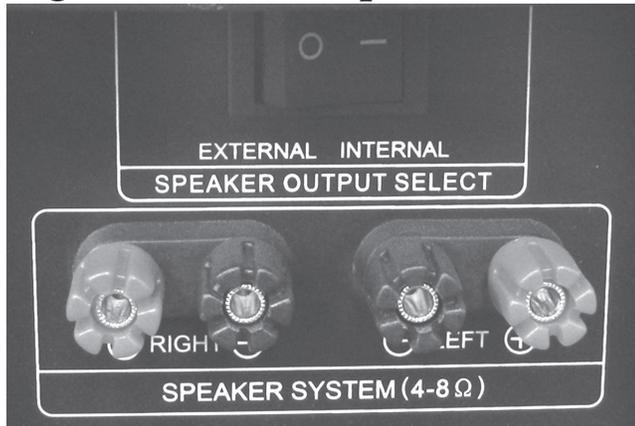


allows you to choose between the Internal or External speakers (External speakers, max 100W each).

Power Connections (*Figure C, below right*)

Connect the power cord from an AC outlet to the receptacle at the bottom of illustration (*Figure C, below*

Figure B, center rear panel



right). You can also plug in another device into the top receptacle to power it.

Input Voltage Select: The Roadwiz power supply is 100V-240V, 50/60Hz. Make sure the voltage of the AC outlet matches the requirements of your Roadwiz.



Figure C, right rear panel

Basic Operation: Playback (Roadwiz mode)

Power Up Roadwiz: Use front panel Power switch.

Loading a Disc: Press EJECT to open the disc tray, place a disc in the tray, press EJECT to close the disc tray – the disc will play automatically.

If a Menu Is Shown on the TV Screen

When inserting a DVD or VCD disc, a menu may be displayed before playback. From the menu, you may select a desired item to be played back.

For DVD Video

1. Use the arrow keys to select the desired track.
2. Press ENTER to play back the selected track.

For Video CD

1. Press the numeric buttons to select a desired item.
The player starts playback of the selected item.

Note: Do NOT insert a damaged disc. If a disc takes more time than usual to read, or the DISPLAY WINDOW shows LOAD for an extended period of time, press EJECT on the Remote or from the front panel and check disc for any dirt, fingerprints or defects.

To End, Pause and Resume Playback

On DVDs and VCDs, press STOP to end playback,

or PAUSE to pause playback. To resume, press either the PLAY or PAUSE button.

To Stop Playback Completely

Press the STOP button twice. Now when you press the PLAY button, it will start at the beginning of the disc. Also, if you eject the disc, the playback completely stops and the unit ejects the disc.

Playback from USB and SD Cards

Note: The Roadwiz is not a computer system and it cannot support large external hard drives or any storage device containing more than 2,000 files (for example, 2,000 MP3 files or 1,000 MP3+G songs (each MP3+G contains has two files, a .cdg and an .mp3)). The Roadwiz may support 2.5" external hard drives that do not require an external power source but we cannot guarantee it will support all models. Acesonic recommends using a USB flash drive formatted to FAT32, but we cannot guarantee that every USB flash drive will work. Please try another brand if you are experiencing compatibility issues.

USB Port and Operation

You can play your own video and audio files as the Roadwiz supports MP3, CD+G, MP3+G, DVD, AVI and DivX formats that are stored in external memory devices (flash drives, card readers). **Note:** These de-

vices must be in FAT32 format to play content. (See bottom of page 3 for compatible file formats.)

If no disc is being played, audio and video files from a connected external memory device (USB device or SD card) will automatically be selected and played. Otherwise, switch to USB playback:

1. Press the STOP button.
2. Press USB PORT button to make the USB menu appear on the screen.
3. Select a song from the song list.
4. Press ENTER to play.
5. Press DVD DISC to return to DVD playback.

SD, MMC and Mini-SD Cards

You can play video and audio files (MP3, CD+G, MP3+G, DVD, AVI and DivX formats) stored on SD, MMC and Mini-SD cards by inserting any one of such devices into the slots.

Basic Operation: Karaoke

Using Microphone(s)

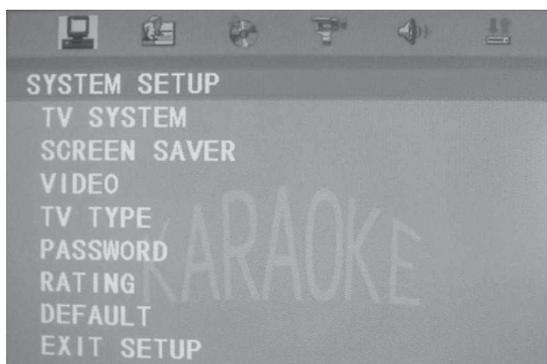
The system has three (3) front-panel microphone inputs, with capability for simultaneous input.

Microphone Mixing

When a microphone is plugged in, the system mixes prerecorded music playback with your voice.

1. Press POWER button to turn on the system.

Basic Operation: System/TV Setup



Press SETUP KEY to open the SETUP Menu.

TV System

1. Press Direction KEY [▼] to choose TV SYS-

If no disc is being played, the unit will automatically select audio and video files from external memory devices. **Note:** Devices must be in FAT32 format.

If you need to switch to memory card playback:

1. Press STOP.
2. Press SD CARD button to make the SD CARD menu appear on the screen.
3. Select a song from the list and press ENTER to play your selection.

Note on External Storage

If the USB device or memory card has an excessive number of files, or some/all the files are in a strange or unsupported format, the Roadwiz may not be able to load them all or may take an exceptionally long time to react. Use supported formats on high-quality cards and devices for the best results.

2. Load a Karaoke Disc.
3. Press PLAY button to start playing.
4. Adjust MASTER VOLUME on the Remote controller or front panel.
5. Adjust Microphone volume on the Remote controller or front panel.
6. Starting singing while the song is playing.
7. Adjust ECHO level on the Remote controller or front panel to the desired echo level.

TEM.

2. Press Direction KEY [▶] to show SUB-MENU.
3. Press Direction KEY [▲/▼] to select the TV system [NTSC/ PAL/AUTO].

Screen Saver

1. Press Direction KEY [▲/▼] to choose SCREEN SAVER.
2. Press Direction KEY [▶] to show SUB-MENU.
3. Press Direction KEY [▲/▼] to select ON or OFF.
4. Press ENTER to confirm selection.

If ON option is selected, the DVD will play the SCREEN SAVER when in stand-by mode.

Video

1. Press Direction KEY [▲/▼] to choose VIDEO.
2. Press Direction KEY [▶] to show SUB-MENU.
3. Press Direction KEY [▲/▼] to select VIDEO OUTPUT mode.
- 4) Press ENTER to confirm selection.

Note: The output modes are YUV, TV-RGB, P-SCAN, YPBPR, PC-VGA and S-VIDEO. Make sure your TV and DVD have the RIGHT connections established before making these settings.

TV Type

1. Press Direction KEY [▲/▼] to choose TV TYPE.
2. Press Direction KEY [▶] to show SUB-MENU.
3. Press Direction KEY [▲/▼] to select TV TYPE.
4. Press ENTER to confirm it.

Note: TV TYPE is 4:3PS, 4:3LB or 16:9. Some discs cannot be played at some settings.

Password

1. Press Direction KEY [▲/▼] to choose “PASSWORD.”
2. Press Direction KEY [▶] to show SUB-MENU.
3. Press the Numeric KEY to input new password if necessary.
4. Press ENTER to confirm selection.

Note: The password should be four numbers. The default password is “0000.”

RATING

1. Press Direction KEY [▲/▼] to choose RATING.
2. Press Direction KEY [▶] to show SUB-MENU.
3. Press Direction KEY [▲/▼] to select the RATING if necessary.
4. Press ENTER to confirm selection.

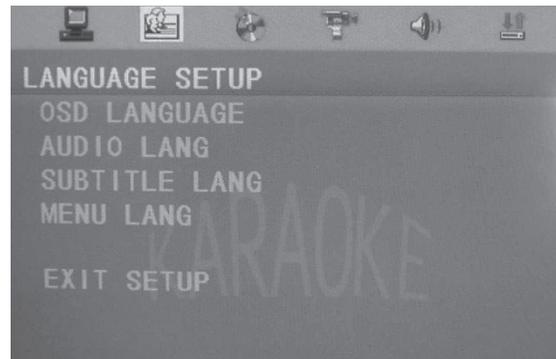
Note: RATING can be set only in UNLOCK PASSWORD state. Most discs support this function.

Basic Operation: Language Setup

Unload the disc, press SETUP KEY to open the SETUP MENU, then press Direction KEY [◀/▶] to select the LANGUAGE SETUP.”The SUB-MENU:

- OSD LANGUAGE

- AUDIO LANGUAGE
- SUBTITLE LANGUAGE
- MENU LANGUAGE



OSD Language

1. Press Direction KEY [▲/▼] to choose OSD LANGUAGE.
2. Press Direction KEY [▶] to show SUB-MENU.
3. Press Direction KEY [▲/▼] to select the language.
4. Press ENTER to confirm selection.

Audio Language

1. Press Direction KEY [▲/▼] to choose AUDIO LANGUAGE.
2. Press Direction KEY [▶] to show SUB-MENU.
3. Press Direction KEY [▲/▼] to select the language (ENGLISH, GERMAN, FRENCH, SPANISH).
4. Press ENTER to confirm selection.

Subtitle Language

1. Press Direction KEY [▲/▼] to choose SUBTITLE LANGUAGE.
2. Press Direction KEY [▶] to show SUB-MENU.
3. Press Direction KEY [▲/▼] to select the language (ENGLISH, GERMAN, FRENCH, SPANISH).
4. Press ENTER to confirm selection.

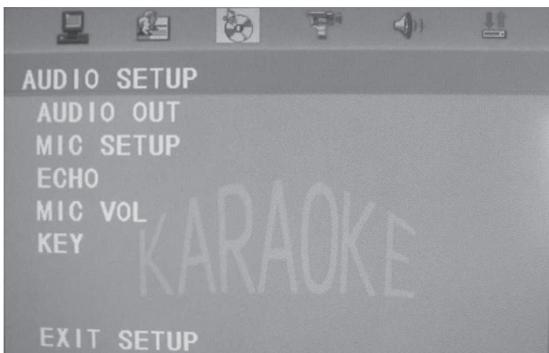
Menu Language

1. Press Direction KEY [▲/▼] to choose “MENU LANGUAGE”.
2. Press Direction KEY [▶] to show SUB-MENU.
3. Press Direction KEY [▲/▼] to select the language (ENGLISH, GERMAN, FRENCH, SPANISH).

4. Press ENTER to confirm selection.

Note: AUDIO LANGUAGE, SUBTITLE LANGUAGE and MENU LANGUAGE should be supported by a DIC function.

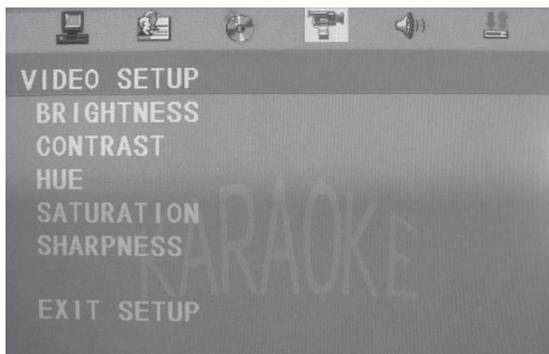
Audio Setup



Unload the disc, press SETUP KEY to open the SETUP MENU, then press Direction KEY [◀/▶] to select the AUDIO SETUP. The SUB-MENU contains:

- AUDIO OUT
- MIC SETUP
- ECHO
- MIC VOL
- KEY

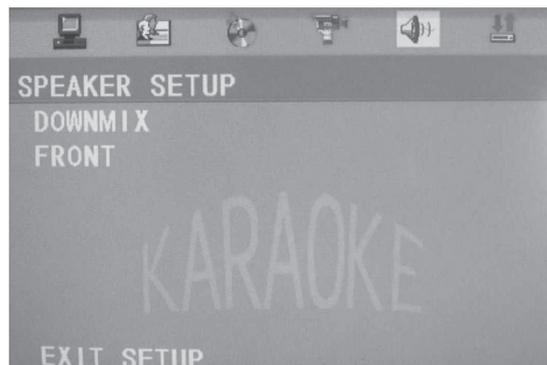
Video Setup



Unload the disc, press SETUP KEY to open the Setup MENU, then press Direction KEY [◀/▶] to select VIDEO SETUP (see image above). The SUB-MENU contains:

- BRIGHTNESS
- CONTRAST
- HUE
- SATURATION
- SHARPNESS

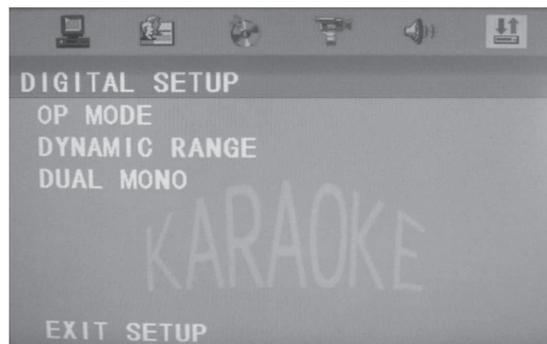
Speaker Setup



Unload disc, press SETUP KEY to open the SETUP MENU, then press Direction KEY [◀/▶] to select SPEAKER SETUP. The SUB-MENU contains:

- DOWN MIX (LT/RT, STEREO, 5.1CH)
- FRONT (LARGE/SMALL)

Digital Setup



Unload the disc, press SETUP KEY to open SETUP MENU, then press Direction KEY [◀/▶] to select DIGITAL SETUP. The SUB-MENU contains:

- OP MODE (LINE OUT/RF REMO)
- DYNAMIC RANGE (FULL, 6/8, 4/8, 2/8 and OFF)
- DUAL MONO (STEREO, MONO L/R, MIX MONO)

REMEMBER...

- Fill out and return your Warranty Card right away to protect your investment.
- Keep shipping materials in case of return.
- Save all invoices, receipts and your portion of the Warranty Card for your records.
- Contact your dealer or Acesonic Tech Support if you encounter operating problems that you cannot resolve yourself.

Basic Operation: Recording MP3+Gs

What Is MP3+G?

An MP3+G file is a karaoke-based file format that consists of two parts, an audio file in MP3 format and a graphics file that displays on-screen lyrics. These two files combined are called an MP3+G file. An MP3+G file will occupy about the same disc space required for a standard CD+G track.

The recording function on the Roadwiz offers two applications: (1) Record your vocal performance in MP3+G format and (2) transfer your existing CD+Gs to MP3+G format.

Recording a Performance in Roadwiz Mode

With a memory card already inserted, allow the Roadwiz to play a CDG in disc mode. You should hear audio and see graphics on your screen. (At this point, you will want to make any special settings that you want with echo, key change, etc.).

Next, simply press the RECORD button on the Roadwiz or the Remote control. When you do this, the audio will stop playing and a window will appear asking what you would like to title this recording. You can give it a number or a title, and once you have input it, press ENTER. You can also skip the naming step by pressing ENTER without entering any info, and the system will assign a name.

At this point the pop-up window will disappear and the Roadwiz will re-start the song from the beginning with your user settings applied. There will be a recording indicator symbol in the upper left corner of the screen letting you know the unit is recording. Now you can begin singing and the Roadwiz will record your performance.

Now you have recorded a track and you want to hear it. With memory card inserted, press the USB mode button on the Roadwiz or the Remote. A window will display all files on the card. Using the directional keys, select a file for playback and press ENTER. The song should begin to play, displaying the recorded graphic files on the screen. AUX IN recording records audio only. (See next page, bottom right, for more information on AUX IN and other recording features.)

Recording from USB to SD

Let's say you have a file that is already on your memory card in MP3+G format and you would like to

record a performance with that track. The procedure would be as follows:

1. Insert a USB carrier with a memory card inserted, or a USB thumb drive, with the MP3+G files you would like to record your performance with. Also, insert an SD card into the slot directly underneath the USB port on your Roadwiz. This is where your recordings will be stored.
2. Press the USB mode button on the Roadwiz or on the Remote control. A window will open displaying all files that are on the memory card. Using the directional keys, select a file for playback and press ENTER.
3. Simply press the RECORD button on the Roadwiz or the Remote control. When you do this, the song will stop playing and a window will appear asking what you would like to title this recording. You can give it a number or a title, whatever you want. Once you have entered the title, go ahead and press the ENTER button.
4. At this point, the pop-up window will disappear and the Roadwiz will restart the song from the beginning with your user settings applied. There will be a recording indicator symbol in the upper left corner of the screen letting you know the device is recording. You can now begin singing and the Roadwiz will record your performance.

Note: When recording from USB drive to an SD card, the file will be sent to the RECORD FOLDER. When you are in USB mode, pressing the GUI SWITCH button on the Remote will toggle between the two windows.

Transfer CDG to MP3+G

The Roadwiz can also be used to transfer CD+Gs to MP3+G files. Since an MP3+G file only occupies about one-eighth of the space required for a CD+G, this is great way to back up your CD+Gs and protect your investment. Storing MP3+G files gives you more options. For karaoke jockeys and people that frequent karaoke venues, you can now leave your CD+Gs at home and travel with just your USB flash drive.

1. With the Roadwiz in disc mode, insert the CDG that you would like to rip. Make sure your desired memory card is also inserted properly.
2. Go ahead and allow the disc to play. If you want to rip the entire CDG, press the REPEAT button on the Roadwiz Remote until REP ALL is

displayed. This ensures that the entire disc will be ripped to the memory card.

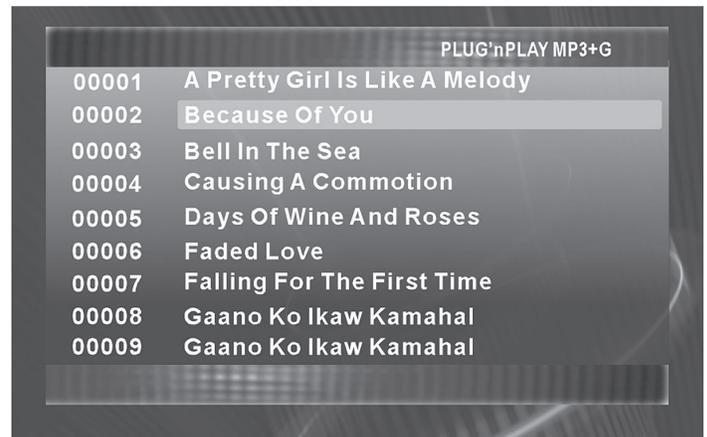
3. If you only want to record a single track, press REPEAT until REP ONE is displayed. This ensures only the selected track will be recorded.
4. Next, simply press the RECORD button on the Roadwiz or the Remote control. When you do this, the song should stop playing and a window will appear asking what you would like to title this recording. You can give it a number or a title, whatever you want. Once you have entered the title, go ahead and press the ENTER button.
5. At this point the pop-up window will disappear and the Roadwiz will restart the song from the beginning with your user settings applied. There will be a recording indicator symbol in the upper left corner of the screen letting you know the device is recording.

Note: When recording multiple tracks at once, you will not be able to change individual file names. Recording takes place in real time.

Switch Between Two File Viewers (GUI SWITCH)

In the USB or SD card mode, there are two file viewers that you can choose. With *Window 1 (top right)*, you can see all the songs listed. With *Window 2 (bottom right)*, you see two windows on the screen – in the left window see all folders are listed, and in the right

window all the songs in the selected folder are listed. You can only switch folders in *Window 2* mode.



Window 1: Song listing.



Window 2: Folders at left, songs at right.

Basic Operation: MP3 Recording

Built-In System Recording Functions

In addition to “ripping” CD+G discs and recording them to a USB device, SD/MMC/MS card or a recordable CD/DVD, your Roadwiz will also record MP3 files from the various inputs to the various outputs.

You can record from DVD player, USB port and card slot on the Roadwiz, or use outside sources connected to AUX INPUTS 1, 2 and 3 on the rear panel. You may record your vocal, guitar or keyboard in DVD or AUX-in recording mode. Everything will be recorded to MP3 format, making your Roadwiz

- a fully functional player,
- a recorder with aux-in recording and
- an instrument and microphone amplifier with basic mixing functionality.

One of the best ways to familiarize yourself with the recording functions of the Roadwiz is to experiment with the various inputs, directing them to record to the several possible locations (recordable disc, USB device or memory cards). Points to remember:

- There are both 1/4-inch front-panel jacks and rear-panel XLR inputs for guitars and keyboards.
- AUX IN recording will record the audio from the rear-panel inputs but will not record your vocal simultaneously.
- Consult pages 4 and 5 for instructions on making your source and destination selections for recording live and/or prerecorded audio signals.
- Consult pages 8 and 9 to review the various input options and determine how to accomplish the recording task you want.

Do not confuse “ripping” and recording MP3+G files with audio recording as these are separate functions.

Advanced Playback Operations

Playing from a Specific Position

Locating a Desired Scene from the DVD Menu: DVD discs generally have their own menus showing the contents of the disc. These menus contain various items such as the titles of movies, names of songs or artist information, and display them on the TV screen. You can locate a desired scene using the DVD menu.

1. Insert a DVD disc into the tray.
2. Use the arrow keys to select a desired item and press ENTER.

To Locate a Desired Scene from the Video CD Menu with Playback Control: Some VCDs support the PBC function and have their own menus built in. You can locate a specific scene by using the PBC menu.

1. Press STOP then press PBC. PBC ON should appear in the right corner of you screen.
2. Using the NUMERIC KEYS 0-9, enter the song number and press ENTER to begin playback.

To Locate a Desired Position in the Current Title or Track Using Time Search: With Audio CDs, VCDs and DVD Video Discs you can play from a desired location by specifying the time during playback.

1. Press the SEARCH button (twice for DVDs).
2. Using the NUMERIC KEYS 0-9, key in the desired song number and press ENTER.

Example for DVD Video: To play back from Chapter 3 of a DVD, press 3 then press ENTER.

TITLE 01/01 CHAPTER 003/11

To play back from 1 hour 21 minutes 00 seconds, press SEARCH again, enter 121 or 12100, then press ENTER.

TIME _1:21:00

Example for VCD or Audio CD: To play back from 17 minutes 15 seconds, press 1715, then press ENTER.

TIME 17:15

3. Press ENTER to begin playback. To dismiss the time search, press SEARCH again.

Note: Some DVDs do not contain time informa-

tion and the time search function may not work. This function does not work when there are programmed tracks.

Zooming into Pictures

During playback or paused playback, press ZOOM. Each time you press ZOOM, the magnification is changed from 1.5x to 2x and 3x. You can use the arrow keys to move to the desired zoomed position.

Repeating Playback

Press REPEAT. If you press REPEAT in stop mode, press PLAY to start playback. Each time you press REPEAT, the repeat mode cycles among REP-ALL, REP ONE and OFF. A window indicating the current repeat mode will be displayed on the TV screen.

To Stop Repeat Playback

Press STOP. The unit stops playback but does not quit the repeat mode.

To Exit Repeat Playback

Press REPEAT until REPEAT OFF is displayed.

To Repeat a Desired Section (A-B Repeat)

By programming tracks, you can play up to 99 tracks in any order. You may also repeat a track by itself.

1. Press A-B once where you wish to begin the repeat (Point A). A-B SET A appears on screen.
2. Press A-B again where you wish to end the repeat (Point B). A-B SET B appears on screen. The player will now begin to repeat playback between A and B.

To Exit A-B Repeat Playback

Press A-B a third time to turn off the A-B repeat mode.

Note: The A-B points must be set within the same title/chapter/track. When you press STOP twice during DVD playback, A-B repeat is canceled.

NOTE: After 3 minutes of a static (still) picture displayed on the television screen (i.e., Karaoke DVD paused halfway through playback or at the menu), the unit will automatically activate the screen saver. This prevents images from being “burned” into the screen over time. To disable the setting, go to GENERAL SETUP > SCREEN SAVER, where you have the option of enabling or disabling the screensaver.

Other Advanced Operations

Searching by Song Number

In the USB/SD CARD mode, you can play songs from USB/SD devices by the song number that the unit assigns to each song automatically.

In the USB/SD CARD mode, press the NUMBER button on the Remote to start the song number ordering screen *as shown below*.

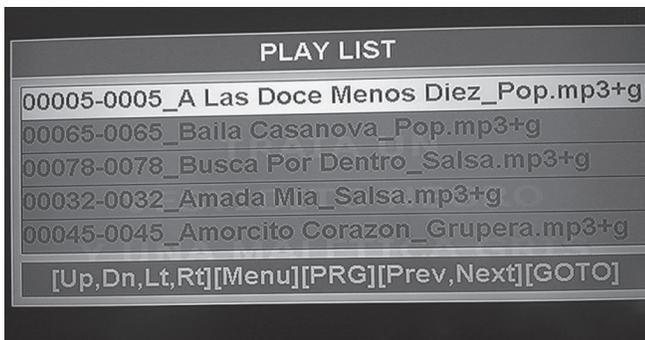


1. Press number buttons on the Remote to enter song number.
2. Press CLEAR button to delete the number that you want to delete.
3. After entering a song number, press TITLE to add the song into the play list (see more detail below).
4. If you want to play the song right now, press PLAY/ENTER button instead and the song will start playing right away, but it will not be added into the play list.

Playlist

In USB/SD CARD mode, you can have a programmable song playlist. Press TITLE on the Remote to enter PLAYLIST screen *as shown below*.

1. To add songs into the play list, you can use either song searching by number or by title.



2. In the PLAYLIST screen, you can delete unwanted

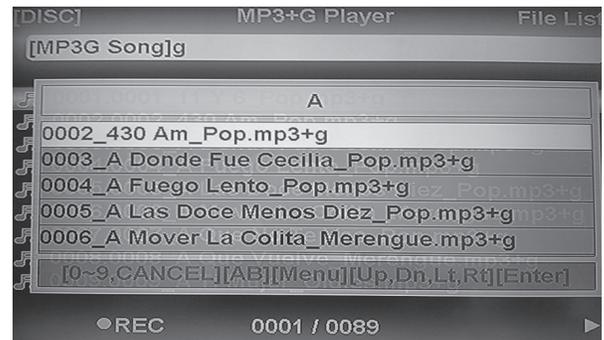
ed songs by pressing CLEAR on the Remote.

3. In the PLAYLIST screen, you can switch song order by pressing SEARCH on the Remote.
4. To leave the PLAYLIST screen, press TITLE button on the Remote while PLAYLIST screen is open.

Song Searching by Title

In USB/SD Card mode, you can search songs by song title (file name).

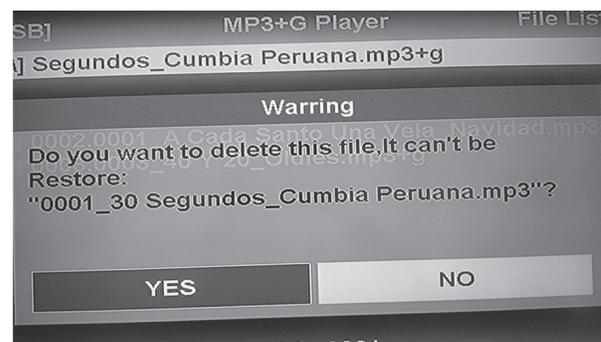
1. Press TITLE button on the Remote to call up the Song Searching by Title screen *as shown below*.



2. To input the song title, use the number/letter buttons on the Remote control (*see pages 6-7*) and use the CLEAR button to delete any unwanted characters.
3. To select songs, you can use UP/DOWN button, then press ENTER or PLAY to play the selected song. Or press TITLE button to save the song in the PLAYLIST.
4. You can also use the virtual keyboard to input song titles. To call up the virtual keyboard, press TITLE then the A-B button on the Remote.

Song Deleting

In USB/SD Card mode, select unwanted song and press CLEAR button on the Remote control. There will be a pop-up window to ask you to confirm the process *as shown in the picture below*.



Troubleshooting Chart 1

Incorrect user operations are often mistaken for and system malfunctions. If you suspect that something is wrong, check the Troubleshooting Charts *on the next few pages*, as sometimes the problems lie within other audio components and their settings. Remember to troubleshoot any other components that you are using with the Roadwiz. If the trouble cannot be rectified even after exercising the steps listed in the Troubleshooting Charts, call our Acesonic U.S.A. service center at (626) 820-0645 for technical support. We will make every effort to restore you unit to full operability. If a Roadwiz under warranty cannot be repaired, we will replace it per the warranty agreement.

	Symptom	Possible Causes
Reset to factory settings	Resetting the unit might solve more than 90% of all problems, try steps below then reset the unit.	Press the SETUP button on the remote controller and then choose SYSTEM SETUP->DEFAULT->RESTORE then press ENTRY button. Your player is now set at it's original factory settings.
Operation	1. The disc automatically ejects back out even when the disc tray is closed.	* The disc is dirty or warped * The disc is not placed properly on the disc table * Region No. does not conform with the unit
	2. Cannot execute playback.	* Condensation has formed inside the player
	3. Picture disturbance during playback.	* This player is compatible with Macro-Vision System copy guard. Some discs include a copy prevention signal, and when this type of disc is played back, stripes etc., may appear on some sections of the picture depending on the TV. (This is not a malfunction.)
	4. When recorded on a VCR there is disturbance in the playback picture.	* This player is compatible with analog copy protect technology copy guard. Some discs include a copy prevention signal and the copy guard system will prevent proper playback.
	5. When HAND icon appears on screen.	* The selected function does not operate for that disc.
	6. Video playback stops and the operation button can not be used.	* First stop the disc, then start playback again.
Remote Control	7. Remote is not functioning.	* The remote control is too far from the player, or the angle with the remote sensor is too sharp. * The batteries are exhausted (dead). * The batteries are positioned incorrectly in the remote. * There is an object between the remote sensor or player.
	8. Improper operation of TV set, etc., occurs	* Some TVs that have wireless remote control functions may not operate properly with this remote control.
Audio	9. No audio or distorted sound.	* Digital signal is prohibited for some discs. * The connection plugs are not inserted all the way into the terminals or are not connected. * The connection plug or terminal is dirty. * Audio cable connection is incorrect. * Connection is made to the stereo amplifier's PHONO input terminal. * The pause mode is engaged. * Stereo amplifier operation is wrong. * Check input (CD, AUX etc.) selector.
	10. Noticeable difference in DVD and CD volume.	* Although you may notice a difference in volume between CDs and DVDs, this is the result of a difference in disc recording methods.

Troubleshooting Chart 2

	Symptom	Possible Causes
Karaoke Operations	11. There's no sound from the microphone	* You need to connect the amp to the Karaoke Output jacks. See page 7. * You need to adjust the volume of microphone.
	12. There's feedback and screeching	* The microphones are too close to the speakers.
Video	13. Screen is black & white, wavy, or contains static.	* Use the P/N button from remote to switch between NTSC and PAL. Press P/N then ENTER.
USB or SD card devices	14. The unit cannot read the devices.	* there are more than 2,000 files on the devices.
		* The device is not formatted to FAT32.
		* The device requires an external power source to power on
MP3G recording	15. The unit cannot read the file	* Not a MP3G files. Make sure your file consists two extension files: mp3 and cdg.
	16. No voice after playback	* Didn't turn on the volume of microphone while recording.
Convert CDG discs to MP3 files to USB/SD card	17. No graphic	* Only support CDG format.
	18. Cannot record	* The unit only supports recording from CDG, MP3G discs and only records audio part from VCD discs.

NOTE: If you experience long pauses when recording a performance, you should consider reformatting the memory card or reducing the number of files on it, whether it is being used alone or in a USB carrier. Too many files on the memory card can occasionally delay the recording process. Always use high-quality memory cards, Class 4 or better.

Technical Specifications

Roadwiz Amplifier

Internal Speaker Power: 40W x 2

External Speaker Power: 80W @ 8 ohms

Total Harmonic Distortion (THD): ≤0.5%

Input Impedance: 47K

Input Sensitivity: ≤250mV

Maximum Input Signal: 2.5Vp-p

Signal to Noise (S/N) Ratio: ≥90dB

Frequency Response: 20Hz~20KHz ± 3dB

Microphone Treble Adjustment: ±10dB

Microphone Bass Adjustment: ±10dB

Microphone Input Sensitivity: ≤20mV

Echo Delay: ≥200ms

Disc Player & A/V Components

Power Source: 100V~240V, 50/60Hz

Power Consumption: ≤14W

Video: Component (Y, Cb, Cr); Composite (Choice of Screen Ratio, 16:9, 4:3); PAL/NTSC Compatible; Progressive Scan (500-p)

Audio: Output Level 0Vrms~1.5Vrms; DA Converter 24 bit; Frequency Response, DVD (PCM 96KHz), 2-44KHz (±0.5dB); S/N Ratio 100dB (DVD), >98dB (CD); THD 0.003%

Operating Temperature: +5 tp +38 degrees, 10-75% humidity

Multimedia Source: MP3G, CD+G, AVI, CD, VCD, MPEG, JPG/JPEG

Interface: USB 1.1 Port for MP3, AVI playback and JPG/JPEG viewing

Safety, Warnings and Precautions

Mises en garde, précautions et procédures de sûreté



The lightning-with-arrowhead symbol inside a triangle alerts the user that potentially dangerous voltage in the product enclosure may constitute a risk of electric shock.



The exclamation point within a triangle alerts the user to important operating, maintenance, and servicing information in this User Manual.

CAUTION

To reduce the risk of electrical shocks, fire, and possible injuries, you should not

- remove screws, buttons, antennae, jacks, or any part of the enclosure; or
- expose the product to rain or moisture.

FCC ADVISORY (U.S.A.)

1. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try correcting the problem by one or more of the following measures:

- Reorienting and/or relocating the receiving antennae
- Increasing the distance between the radio/TV equipment and the Roadwiz
- Connecting the radio/TV equipment to an outlet on a different circuit than the one into which the receiver is plugged

- If necessary, consulting the dealer or an experienced radio/TV technician for help

2. **IMPORTANT:** When connecting the Roadwiz to audio equipment, use only high-quality, shielded cables such as what is supplied with this product. Follow all installation instructions do not modify the equipment in any way, as this could void your FCC authorization to use the device in the U.S.

FOR CANADA/POUR LE CANADA

Caution: To prevent electric shock, match the wide blade of the plug to the wide slot, and fully insert.

Attention: Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

This product does not exceed the Class B limits for radio noise emissions from digital devices as set out in the Canadian standard for interference-causing equipment ("Digital Apparatus, ICES-003" from the Department of Communications).

Cet appareil numérique respecte les limites de bruits radio électriques applicables aux appareils numériques de Classe B prescrites dans la norme sur le matériel brouilleur ("Appareils Numériques, NMB-003" édictée par le Ministre des Communications).

Important Safety Procedures

1. Read and follow these instructions, keep them handy for reference, familiarize yourself with the product's operation, and heed all safety warnings.
2. Do not use this product near water, on wet surfaces, or in places where moisture may accumulate. Do not expose the device to dripping or splashing, and do not place items filled with liquids – such as vases, beverages, etc. – on top. Clean only with a dry cloth.
3. Do not block any ventilation openings or set device on carpets or rugs. Maintain sufficient room on all sides for airflow.
4. Do not position the device on or near radiators, stoves, or other electrical equipment (such as amplifiers) that produce heat.
5. Do not defeat the safety purpose of a polarized or grounding-type plug. A polarized plug has two blades with one wider than the other, while a grounding-type plug has two blades and one prong. The wide blade and the prong are safety features. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

6. Protect the power cord from being walked on or pinched, particularly where it is plugged in to an electrical socket and the point where it exits from the rear of the device.
7. Only use the attachments and accessories specified by the manufacturer.
8. Use only with a cart, stand, tripod, bracket or table specified by the manufacturer or sold with the device. When using a cart, use caution when moving the cart.
9. Unplug the product during lightning storms or when it will not be used for long periods of time.
10. Refer all servicing to qualified service personnel. Servicing is required when the unit has been damaged in any way, such as when the power-supply cord or plug is damaged, liquids have been spilled or objects introduced into the enclosure, the device has been exposed to rain or moisture, the product does not operate normally or it has been dropped.
11. Never push objects of any kind into this product, through jacks or other openings, as they may contact dangerous voltage points or short-circuit components, thus causing fire or electrical shock.
12. This product should be operated only from the type of power source indicated on the product label and in this User Manual. If you are not sure of the type of power supplied to your home, consult your product dealer or local utility.
13. An outside antenna system should not be located in close proximity to overhead power lines, or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an

outside antenna system, be extremely careful not to touch such power lines or circuits, as contact with them could be fatal.

14. Do not overload wall outlets or extension cord as this can increase the risk of fire, power outages or electrical shock.
15. When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or with the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.
16. Following any servicing or repair of this product, ask the service technician to perform the appropriate safety checks to ensure the product is in proper operating condition.
17. The product should not be mounted to walls or ceilings except as recommended by manufacturer, with mounting hardware approved by manufacturer.
18. If your product is not operating correctly or exhibits a marked change in performance, and you are unable to restore normal operation by following procedures in this User Manual, do not attempt to service it yourself. Opening the enclosure may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

Note: With the proper care and maintenance, your Roadwiz will give you years of dependable, enjoyable use. Make sure you are using proper power sources and good cables at all times.

Note: Any alterations or user repairs performed on the device voids your warranty.



PK-1290 ROADWIZ

80-Watt Portable Sound System with Digital Recording

PK-1290 Roadwiz 80-Watt Portable Sound System with Digital Recording

One (1) Year Manufacturer Warranty

Lifetime Technical Support

Designed in U.S.A.

Technical Support: (626) 820-0645

techsupport@acesonic.com

Web site: www.acesonic.com

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