VocoPro®

THE SINGER'S ULTIMATE CHOICE ™

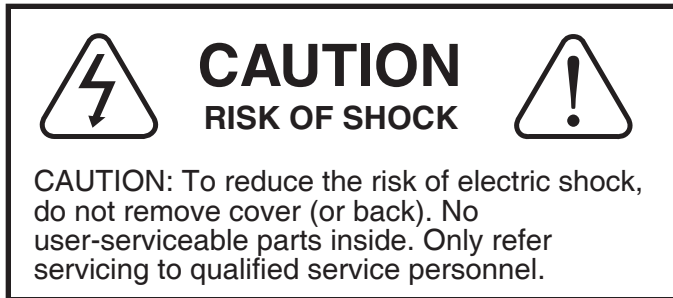# DVX-668K

Digital Key Control DVD/CD+G/DIVX Karaoke Player

VocoPro   DVX-668K   DVD

POWER   MIC 1   MIC 2   MIC VOL   ECHO   USB

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

Table of Contents

Safety Instructions

CAUTION
RISK OF SHOCK

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

Explanation of Graphical Symbols

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

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

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

1. Read Instructions - All the safety and operating instructions should be read before the appliance is operated.

2. Retain Instructions - The safety and operating instructions should be retained for future reference.

3. Heed Warnings - All warnings on the appliance and in the operating instructions should be adhered to.

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

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

6. Water 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 - The appliance should be used only with a cart or stand that is recommended by the manufacturer.

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

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.

12. Power-Cord Protection - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

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

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

15. 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.

FCC information (U.S.A.)

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

2. IMPORTANT: When connecting this product to accessories and/or another product use only high quality shielded cables. Cable(s) supplied with this product MUST be used. Follow all installation instructions. Failure to follow instructions could void your FCC authorization to use this product in the U.S.A.

3. NOTE: This product has been tested and found to comply with the requirements listed in FCC Regulations, Part 15 for Class "B" digital devices. Compliance with these requirements provides a reasonable level of assurances that your use of this product in a residential environment will not result in harmful interference with other electronic devices. This equipment generates/uses radio frequencies and, if not installed and used according to the instructions found in the owner's manual, may cause interference harmful to the operation of other electronic devices. Compliance with FCC regulations does not guarantee that interference will not occur in all installations. If this product is found to be the source of interference, which can be determined by turning the unit "Off" and "On", please try to eliminate the problem by using one of the following measures:

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

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

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

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

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

CAUTION:
**READ THIS BEFORE OPERATING YOUR UNIT**

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

110V
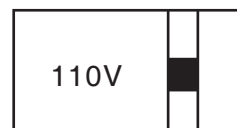
Welcome

And Thank you for purchasing the **DVX-668K** 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, your ultimate choice in Karaoke entertainment.

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

   The DVX-668K multi-format disc player from VocoPro is packed with features and full compatibility with the most popular media formats. Play CD+G discs for Karaoke performances, listen to your favorite CDs and Mp3s, view a slideshow of your digital photographs or watch movies on DVD or in DivX format.

   The USB connection on the front panel allows you to play your digital files from a USB thumb-drive.

   Connect to your audio system via 5.1 surround sound or digital audio through optical or coaxial outputs.

   The DVX-668K is a valuable asset to a performance setup or home entertainment center, providing plenty of versatility and playback options for any application.

Features
- Multi-Format Disc Player Reads DVD, CD, CD+G, Mp3, And DivX
- USB Playback
- 2 Microphone ¼" Input Channels With Volume Control
- 5.1 Channel Digital Surround Sound
- Digital Echo To Give Your Vocals A Professional Sound
- ±16 Step Digital Key Control
- Full-Function Remote Control
- PAL/NTSC Compatible For Worldwide Use
- LED Display

Connections:
Audio Outputs:
- 5.1 Channel Surround Sound RCA
- L/R Stereo RCA
- Digital Coaxial
- Digital Optical

Video Outputs:
- RCA Video
- S-VIDEO
- Component (Y,Pb,Pr)
- SCART

Specifications

Resolution	500 Lines
Video S/N Ratio	56 dB
Frequency Response	fs 96 kHz: 20 Hz - 20 kHz: +/- 1dB
Audio S/N Ratio	90 dB
Dynamic Range	90 dB
Distortion	<0.01%
D/A Converter	96 kHz/24 bit
Video Output	1Vp-p(75Ω)
S-Video Output	1Vp-p(75Ω) C:0.3P-P(75Ω)
Audio Output	2.0V
Digital Audio Output	Coaxial,Optical
AC-3	5.1 Channel Output
Power Voltage	120V/60Hz
Power Consumption	15W
Dimensions	17" x 1.3" x 7.8"
Weight	7 lbs

 *Some burned CDs and DVDs may not play properly on the DVX-668K. If this is the case, try using a different brand of disc or a different disc-burning program.

Package Contents

When unpacking your DVX-668K we recommend that you keep the original receipt or invoice, box and packing materials in case the product ever needs to be shipped for warranty repair or any other purpose.

Warranty Information

The DVX-668K is covered under a 1-Year Limited Warranty. For detailed warranty information please visit
www.vocopro.com/warranty_standard.html

Extended Limited Warranty

Extended Warranties are also available and can be purchased directly from VocoPro. Visit
www.vocopro.com/warranty_extended.html
for information and purchasing of our Silver and Gold Extended Limited Warranties.

Service Centers

For a list of U.S. and International Authorized VocoPro Service Centers visit
www.vocopro.com/frm_service.html

Package Contents

Before using the DVX-668K make sure the following accessories are included:

- • 1 DVX-668K Multi-Format USB/DVD/CD+G Karaoke Player
- • 1 Remote Control
- • 1 AC Power Cord
- • 1 A/V RCA Cable (red, white and yellow)
- • 1 Warranty Card
- • 2 AAA Batteries
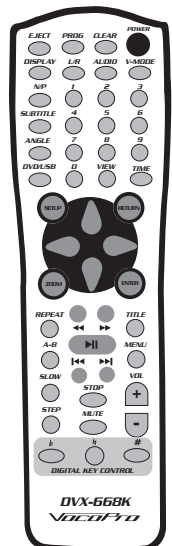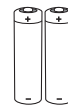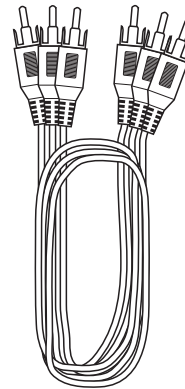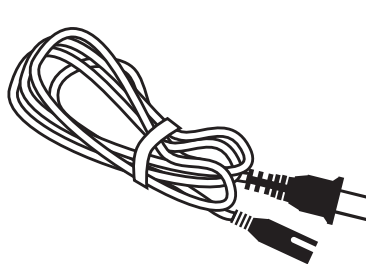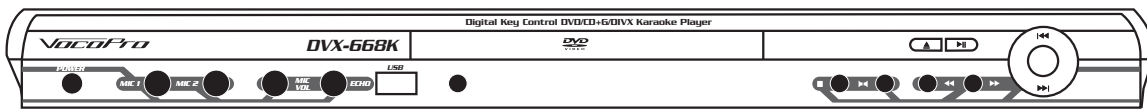
Getting Connected

Audio Connections

Recording Music and Microphone Vocals using the Stereo Outputs

What you will need:
- 1 RCA L/R (red & white) audio cable
- Audio Recording Device with RCA L/R inputs

1. Connect one end of the L/R RCA audio cable to the L and R (red & white) RCA Output channels on the DVX-668K's rear panel.
2. Connect the other end of the L/R RCA audio cable to the L/R RCA audio inputs on an audio recording device.

Recording Device rear panel (VocoPro CDR-1000 PRO shown)

DVX-668K rear panel
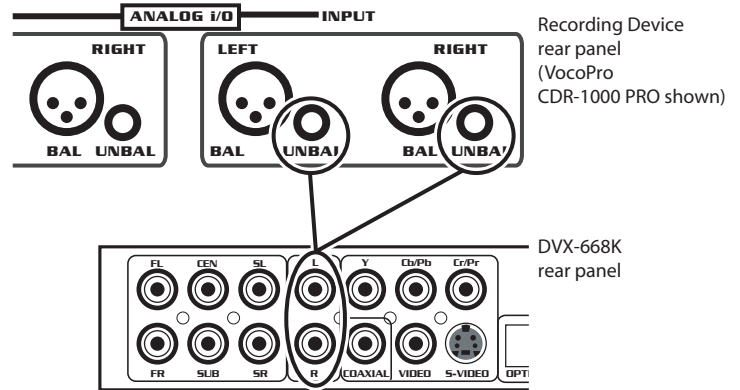
5.1 Audio

Connecting to a 5.1 Surround Sound Receiver

What you will need:
- 6 RCA-style surround sound cables
- A 5.1 surround sound receiver or amplifier

1. Connect an end of each RCA cable to the FL, FR, CEN, SL, SR, and SUB outputs on the rear panel of the DVX-668K.
2. Connect the other end of each RCA cable to the FL, FR, CEN, SL, SR, and SUB inputs on a 5.1 CH. Surround Sound receiver or amplifier.

For more information on setting up 5.1 Surround Sound, see the "Setup Menu" section.

NOTE: Microphone vocals will only be output through the Front Left and Front Right Channels.

- FL - Front Left
- FR - Front Right
- CEN - Center
- SL - Side Left
- SR - Side Right
- SUB - Subwoofer

NOTE: The actual inputs may be labeled differently on certain receivers and amplifiers.

DVX-668K rear panel

Surround Sound Receiver rear panel (VocoPro DTV-9900K shown)
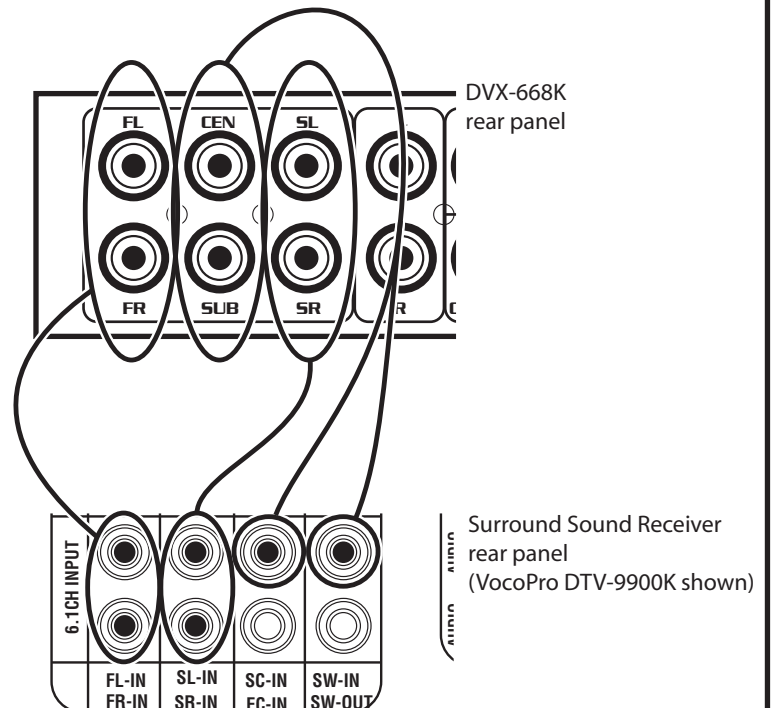
Getting Connected

Connecting Directly to a Powered Subwoofer

The DVX-668K can be connected directly to a powered subwoofer with an RCA input.

What you will need:
• 1 RCA cable
• A powered subwoofer with an RCA audio input

1. Connect one end of the RCA cable to the SUB output on the rear panel of the DVX-668K.
2. Connect the other end of the RCA cable to the RCA input on the powered subwoofer.

Subwoofer
rear panel
(VocoPro
SUB-1200 shown)

DVX-668K
rear panel
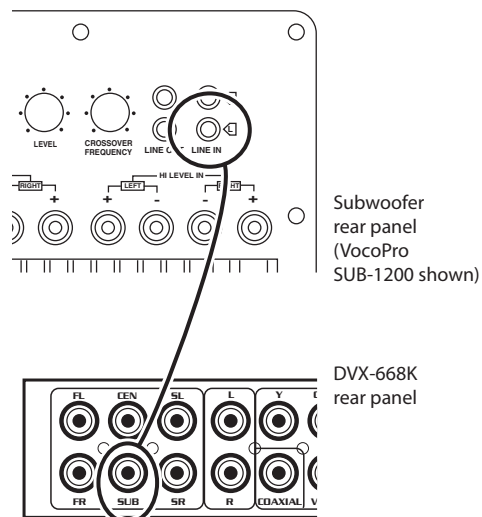
Stereo RCA (Mixed Out)

Use the L and R outputs for connecting audio from the disc player (DVD, CD, VCD, etc) to a stereo input device.

What you will need:
• 1 RCA L/R (red & white) audio cable
• 1 audio input device (mixer, amp, power speaker, recording device, etc.)

1. Connect one end of the L/R RCA audio cable to the L and R RCA jacks on the DVX-668K's rear panel.
2. Connect the other end of the L/R RCA audio cable to the L/R RCA audio inputs on an audio input device.

DVX-668K
rear panel

Mixer
rear panel
(VocoPro
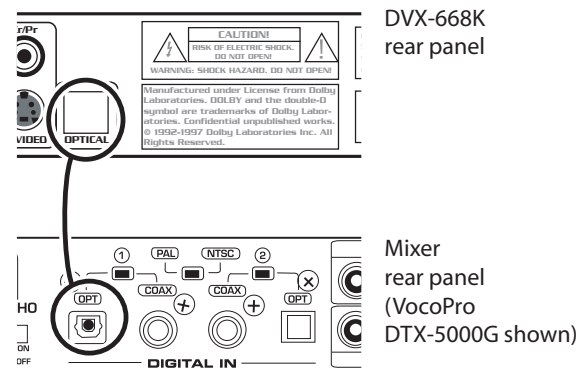DA-7909RV shown)
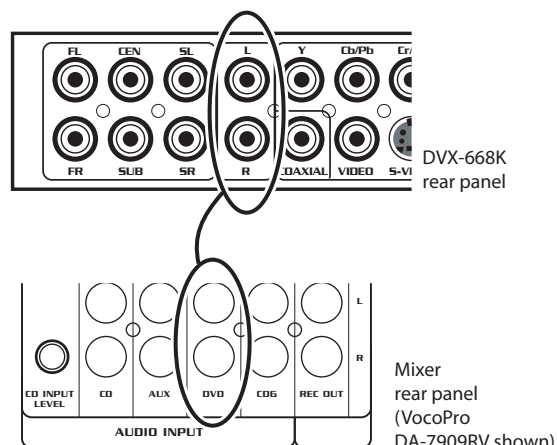
Digital Optical Audio

Use the Digital Optical Audio output for connecting digital audio to a device with a Digital Optical Audio input.

What you will need:
• 1 Digital Optical cable
• An audio input device with a Digital Optical Audio input jack such as a digital receiver or mixer

1. Connect one end of the Optical cable to the OPTICAL output jack on the rear panel of the DVX-668K.
2. Connect the other end of the Optical cable to an Optical input jack on a receiver, mixer, etc.

NOTE: Microphone vocals are not output through the Digital Optical Output..

DVX-668K
rear panel

Mixer
rear panel
(VocoPro
DTX-5000G shown)

Coaxial Digital Audio

Use the Coaxial output for connecting digital audio to a device with a coaxial input.
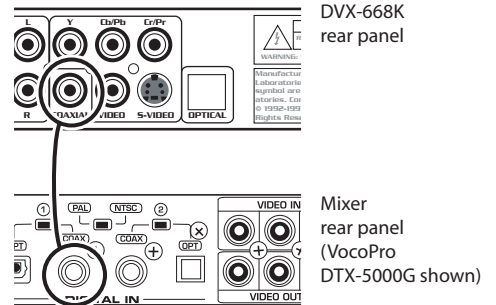
What you will need:
• 1 Digital Coaxial cable **
• An audio input device with a Digital Coaxial audio input jack such as a digital receiver or mixer

DVX-668K
rear panel

1. Connect one end of the Coaxial cable to the COAXIAL output jack on the rear panel of the DVX-668K.
2. Connect the other end of the Coaxial cable to a Coaxial input jack on a receiver, mixer, etc.

Mixer
rear panel
(VocoPro
DTX-5000G shown)

NOTE: Microphone vocals are not output through the Coaxial Digital Output.

** Although it is alright to use standard RCA cables, it is recommended that you use Digital RCA audio cables for optimum digital signal quality.

Video Connections

Connecting Video Using the RCA Video Output

What you will need:
• 1 RCA video cable (usually labeled yellow)
• A TV, video monitor or video mixer with an RCA video input

Monitor
rear panel
(VocoPro
LTV-5 shown)

1. Connect one end of the RCA video cable to the yellow RCA VIDEO output on the rear panel of the DVX-668K.
2. Connect the other end of the RCA video cable to an RCA video input jack on a TV, monitor or video mixer.
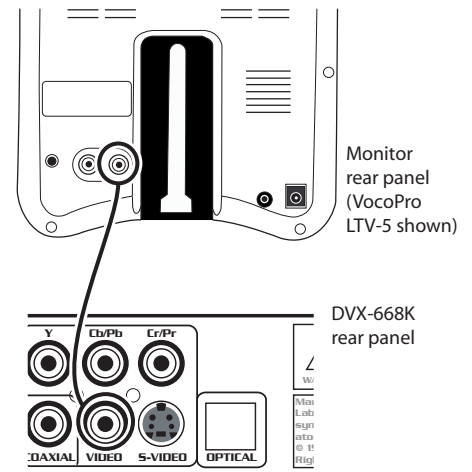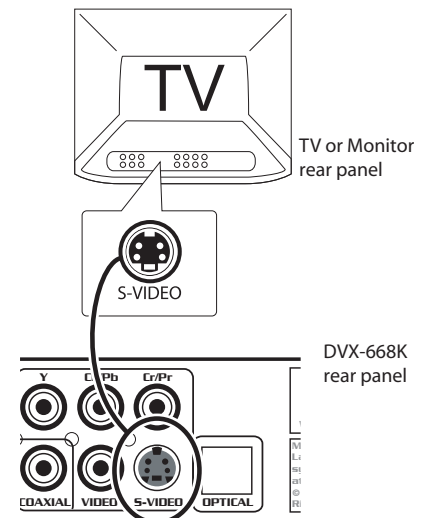
DVX-668K
rear panel

S-Video

What you will need:
• 1 S-Video Cable
• A TV, video monitor or video mixer with an S-Video input

1. Connect one end of the S-Video cable to the S-Video output on the rear panel of the DVX-668K.
2. Connect the other end of the S-Video cable to an S-Video input jack on a TV, monitor or video mixer.

TV or Monitor
rear panel

NOTE: When using the S-Video output, the DVX-668K must be set to S-VIDEO output. See "Changing the Video Output Mode" in the Operations section of this manual for instructions on setting the DVX-668K to S-VIDEO Mode.

DVX-668K
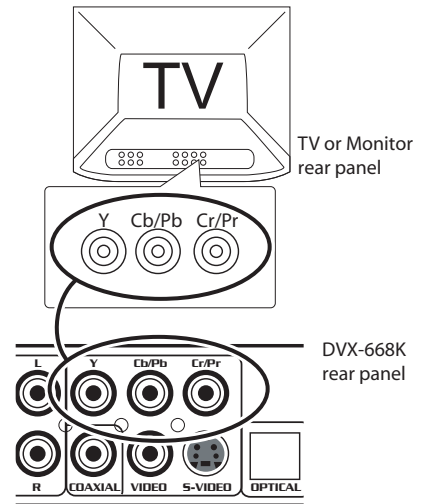rear panel

Getting Connected

Component (Y,Pb,Pr) Video Outputs

What you will need:
• 1 Component (Y, Pb,Pr) cable
• A TV with Component (Y,Pb,Pr) video inputs

1. Connect one end of the Component (Y,Pb,Pr) cable to the Component (Y,Pb,Pr) jacks on the DVX-668K's rear panel.
2. Connect the other end of the Component (Y,Pb,Pr) cable to the Component (Y,Pb,Pr) inputs on a TV.

NOTE: When using the Component output, the DVX-668K must be set to the correct video output mode. See "Changing the Video Output Mode" in the Operations section of this manual for instructions on setting the DVX-668K to the correct video output Mode.

TV or Monitor rear panel

Y   Cb/Pb   Cr/Pr

DVX-668K rear panel

L   Y   Cb/Pb   Cr/Pr

R   COAXIAL   VIDEO   S-VIDEO   OPTICAL

SCART (Europe)

What you will need:
• 1 SCART cable
• A TV or video monitor with a SCART input

1. Connect one end of the SCART cable to the SCART output on the rear panel of the DVX-668K.
2. Connect the other end of the SCART cable to a SCART input jack on a TV or monitor.

TV or Monitor rear panel

SCART

DVX-668K rear panel

SCART
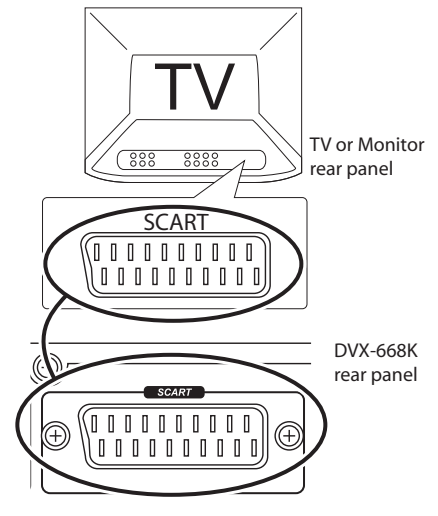
Getting Connected

Connecting a USB Device

The DVX-668K allows you to connect a USB device and play A/V files using the remote control.

USB Thumb Drive

1. Connect the USB device to the USB port on the front panel.
2. Use the DVD/USB button on the remote control to access the USB device. The file menu will appear.
3. Use the remote control to navigate through the A/V files for playback.

DVX-668K

USB Thumb Drive
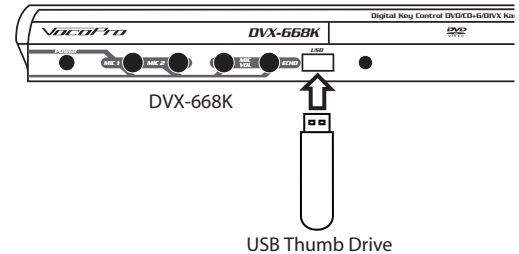
USB Hard Drive

1. Connect the USB Hard Drive to the USB port on the front panel.
2. Use the DVD/USB button on the remote control to access the USB device.
3. Depending on the number of files, it may take a few moments for the DVX-668K to initialize the Hard Drive for playback.
4. The file menu will appear.
5. Use the remote control to navigate through the A/V files for playback.

NOTE: When using a Hard Drive with a very large number of files, it may take longer for the DVX-688K to initialize the Hard Drive for playback.

DVX-668K

External Hard Drive
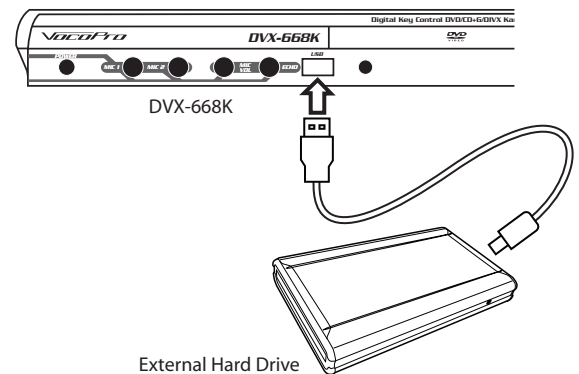
General Operations

Turning on the Power

Main Power

The main power button for the DVX-668K is located on the front panel.

1. Press the POWER button on the front panel to turn the DVX-668K ON and OFF.

Standby

Once the main power is turned ON, the DVX-668K can be set to standby mode using the POWER button on the remote control.

1. Press the POWER button on the remote control while the player is ON to set the player to standby mode.
2. Press the POWER button again to turn the player back ON.

Inserting a Disc

1. Press the ▲ (EJECT) button on the front panel or EJECT on the remote control to open the disc tray.
2. Insert the disc label-side-up.
3. Press the ▲ (EJECT) button on the front panel or EJECT on the remote control a second time to close the disc tray.

Playing a Disc

1. Insert a disc into the disc tray.
2. Press the ▶‖ (PLAY/PAUSE) button on the front panel or the ▶‖ (PLAY/PAUSE) button on the remote control to begin playing.

Stopping a Disc

1. Press the ■ (STOP) button on the front panel or the STOP button on the remote control to stop a disc while it is playing.

Pausing a Disc

1. While a disc is playing press the ▶‖ (PLAY/PAUSE) button on the front panel or the ▶‖ (PLAY/PAUSE) button on the remote control to pause the disc.
2. Press the ▶‖ (PLAY/PAUSE) button again to resume playback.

Muting a Disc

1. Press the MUTE button on the remote control to silence the disc.
2. Press the MUTE button again to un-mute the disc.

Skipping Tracks

1. Use the ◀◀ ▶▶ (PREV/NEXT) buttons on the front panel or remote control to skip from one track to another.
2. The ▶▶ (NEXT) button skips forwards to the next track and the ◀◀ (PREV) button skips back to the previous track.

Scanning through Tracks (CD, VCD, DVD and USB only)

1. Use the ▶▶ ◀◀ buttons on the remote control to scan through tracks.
2. The ▶▶ button scans forwards through the current track and the ◀◀ backwards through the current track.

Adjusting the Disc Music Volume

1. Use the VOL+ and VOL- buttons on the remote control to adjust the volume.
2. The VOL+ button raises the volume and the VOL- button lowers it.

Using Direct Track Access

The Direct Track Access buttons are the number buttons on the remote control. These allow you to jump directly to a track or chapter (DVD) by entering its number. When using Direct Track Access on the remote control, type the two digit equivalent of the number.

example

To jump directly to track 9

1. Press 0 then 9.
2. Track 9 will begin playing.

Jumping to a Specific Time on a track (CD, VCD and DVD only)

1. Press the TIME button on the remote control until "Track Go To" is selected.
2. Use the number buttons to enter the time in minutes and seconds.
3. The disc will play at that time.

example

To jump directly to 1:45

1. Press TIME on the remote control twice to select "Track Go To".
2. Press 0, 1, 4, then 5.
3. The track will begin playing at 1:45 minutes into the track.

Jumping to a Specific Time on a disc (CD, VCD and DVD only)

1. Press the TIME button on the remote control until "Disc Go To" is selected.
2. Use the number buttons to enter the time in minutes and seconds.
3. The disc will play at that time.

example

To jump directly to 21:38

1. Press TIME on the remote control three times to select "Disc Go To".
2. Press 2, 1, 3, then 8.
3. The track will begin playing at 21:38 minutes into the DISC.

Programming a Custom Track Order

The DVX-668K allows you to create a custom playlist of up to 20 tracks using the PROGRAM button on the remote control.

1. If there is a disc in the DVX-668K, make sure it is stopped.
2. Press the PROG button on the remote control to access the Program menu. The Program menu will appear on the TV screen.
3. Enter a track number using the number buttons on the remote control.
4. Continue this until your playlist is complete.

example

To create a playlist in the following order:

1. Track 14
2. Track 7
3. Track 3
4. Track 1

1. Press the PROG button to enter Program mode
2. Press 1 then 4
3. Press 0 then 7
4. Press 0 then 3
5. Press 0 then 1
6. Use the arrow keys to make changes if needed.
7. Use the arrow keys to highlight PLAY and press the ENTER button on the remote control to begin playing in this order.
8. Press STOP to exit the programmed playlist.

Clearing a track in Program Mode

Highlight the last track and press the CLEAR button on the remote control to erase the last programmed track.

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 remote control.

♭ - Lowers the musical key
♮ - Resets the musical key back to the original or natural key
♯ - Raises the musical key

Setting Repeat Options

Press the REPEAT button on the remote control to cycle through the available Repeat options

• TRACK: Repeats the same song continuously
• ALL: Repeats the entire disc after it has played through
• REPEAT OFF: All Repeat options are off
• CHAPTER (DVD only): Repeats the current chapter on a DVD disc
• TITLE (DVD only): Repeats the current title on a DVD disc

Switching Between PAL and NTSC Video Modes

The DVX-668K is defaulted to NTSC. Use the N/P button on the remote control to switch between PAL and NTSC.

1. If there is a disc in the DVX-668K, make sure it is stopped.
2. Press the N/P button on the remote control.

NTSC: North America
PAL: Europe and Asia

Changing the Video Output Mode

The DVX-668K has different video output channels: RGB, YUV, P-SCAN, S-Video. The DVX-668K must be set to the correct video output mode when using these output channels.

To cycle through the different video output modes:

1. If there is a disc in the DVX-668K, make sure it is stopped.
2. Press the V-MODE button on the remote control.

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 the Digital Equalizer (EQ)

The DVX-668K has five preset equalizer settings.

1. Press the SETUP button on the remote control to open the SETUP menu.
2. Select > Audio Setup Page > Equalizer > EQ type.
3. To change the EQ settings, choose one of the following modes: None, Rock, Pop, Live, Dance, Techno, Classic, or Soft.
4. Press the ENTER button to confirm your setting.

Playing One Frame at a Time with the Step Function

The Step function allows you to view one frame at a time on DVDs and VCDs.
NOTE: The Step function does not work on CD+Gs.

1. Press the STEP button to enter Step mode and pause the current frame.
2. Press it again to jump to the next frame.
3. Press PLAY to resume normal playback.

Playing Forwards and Reverse in Slow Motion

You can play a disc forward or reverse at 1/2, 1/4, 1/8 and 1/16 the normal speed.

1. Press the SLOW button on the remote control to cycle through the Slow Motion options.
2. Press the PLAY button to return to normal playback.

Switching Between DISC and USB

You can choose either DISC or USB media as a playback option.

1. Use the DVD/USB button on the remote control to access the DVD/MEDIA menu.
2. Use the arrow buttons on the remote control to highlight DVD to play a disc or MEDIA to access the USB port.
3. Press the ENTER button on the remote control to select the highlighted option.

DVD Operations

Accessing the DVD Menu

Use the MENU button on the remote control to access the main menu on a DVD. Use the arrow buttons on the remote control to navigate through the main menu and the ENTER button to make selections.

Accessing the Title Screen

Each section on a DVD such as the movie, special features, etc. has its own title screen. Use the TITLE button on the remote control to access the title screen for the current section.

Turning on Subtitles

Use the SUBTITLE button on the remote control to cycle through the available subtitle languages on a DVD.
NOTE: The available subtitles vary from each DVD and some may not have any at all.

Changing the Angle View

Use the ANGLE button on the remote control to view multiple angles on a DVD with multiple angles available.
NOTE: Not all discs have multiple angles available.

Accessing Additional Dubbed Languages

Some DVDs have multiple languages dubbed over the original language for speakers of other languages. Use the AUDIO button on the remote control to cycle through these languages on DVDs with multiple languages available.

Mp3, AVI and Media file Operations

When playing a disc or USB device with Mp3, AVI or JPG files in it, the file menu will be enabled. Use the arrow buttons to navigate through this menu and the ENTER or PLAY button on the remote control to make selections.

**Navigating the File Menu:**
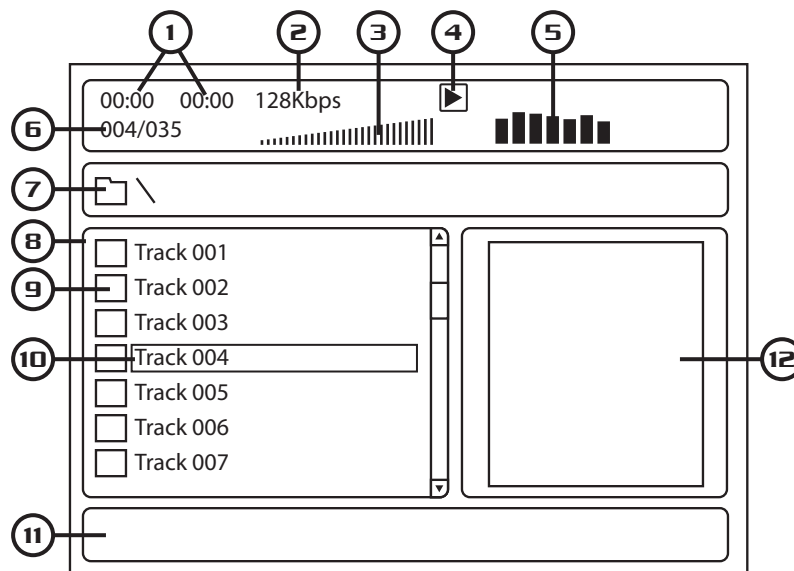
1. **CURRENT/TOTAL TIME** - The first set of numbers is the current time of a selected track (minutes: seconds). The second set of numbers is the total time of the selected track (minutes:seconds).
2. **Mp3 BIT RATE** - Shows the bitrate of the currently playing Mp3 file. This will be blank if a file other than a Mp3 file is selected.
3. **VOLUME LEVEL** - These bars display the current volume level. Adjust by using the volume keys on your remote control.
4. **MODE** - This icon displays which mode the current track is in (PLAY, PAUSE, SEARCH, STOP).
5. **LEVEL METER** - Monitor your track's levels live. This will be blank if no audio is playing.
6. **TRACK NUMBER** - Displays the current track number within the total number of tracks in the folder. Press TIME on the remote to jump to another track with the number pad.
7. **PARENT FOLDER NAME** - This shows the name of the folder you are currently browsing. No name will be displayed if you are browsing the "root" directory.
8. **FILE DISPLAY WINDOW** - Browse files and sub-folders in this window. Each file name is displayed here along with a track number. Use the number pad to directly access a file according to the track number.
9. **FILE TYPE ICON** - This indicates the file type of each file in the folder (mp3, avi, mpg, jpg)
10. **SELECTED FILE** - The currently selected file will be highlighted. Use the UP and DOWN arrow keys on the remote control to change the selection.
11. **FILE INFORMATION WINDOW** - Displays additional information for a file when available.
12. **PREVIEW WINDOW** - Displays a preview of the image currently selected in the file display window.

When viewing image files, use the remote control to zoom and rotate.

Use the REPEAT button to cycle through repeat modes: REPEAT ONE, REPEAT FOLDER

Front Panel
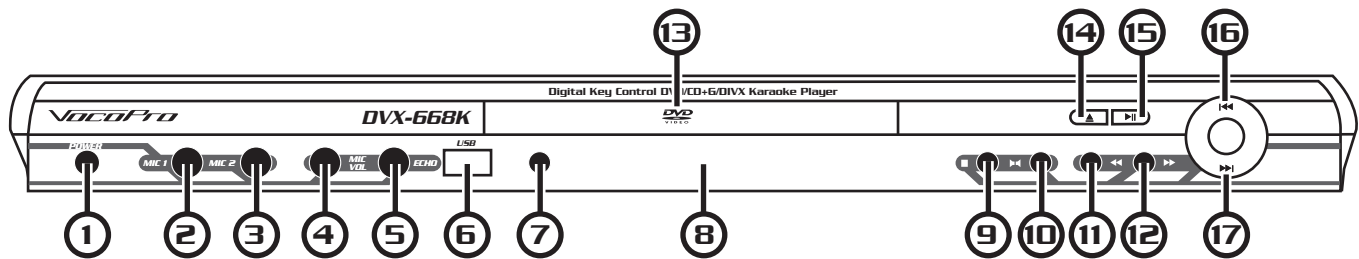
1. **MAIN POWER Button** - Turns the power on and off.
2. **MIC 1 ¼" Input** - Connect microphones here using ¼" microphone cables.
3. **MIC 2 ¼" Input** - Connect microphones here using ¼" microphone cables.
4. **MIC Volume Control** - Turn clockwise to raise the microphone volume and counter-clockwise to lower it.
5. **ECHO Level Control** - For adjusting the amount of Echo that is present in the microphone vocals. Turn clockwise to raise the Echo level and counter-clockwise to lower it.
6. **USB Input** - Connect a USB media storage device here for A/V file playback.
7. **REMOTE SENSOR** - Receives the remote control signal. For best results, aim the remote control directly at this sensor.
8. **DISPLAY** - Displays the player's operating status.
9. **STOP ■ Button** - Stops a disc that is playing.
10. **L/R Button** - Turns multiplexing on and off, allowing you to remove vocals from a multiplex-enabled CD+G.
11. **REVERSE ◀◀** - Scan backwards through a track on a CD or DVD.
12. **FORWARD ▶▶** - Scan forward through a track on a CD or DVD.
13. **DISC TRAY** - Insert discs here.
14. **EJECT ▲ Button** - Opens and closes the disc tray.
15. **PLAY/PAUSE ▶|| Button** - Plays a disc that is stopped or paused and pauses a disc that is playing.
16. **PREV |◀◀ Button** - Press PREV to jump to the previous track.
17. **NEXT ▶▶| Button** - Press NEXT to jump to the next track.

Rear Panel
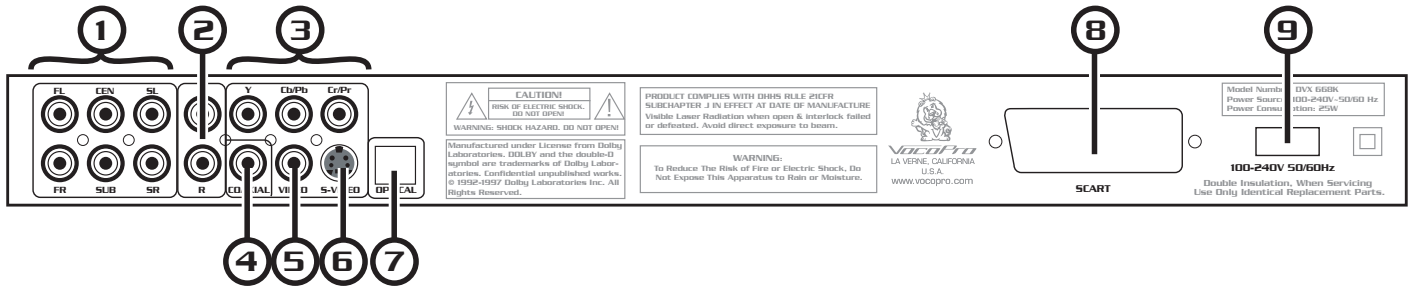
1. **5.1 SURROUND SOUND OUTPUT JACKS** - For connecting to a 5.1 CH. surround sound system.
   FL -Front Left
   FR - Front Right
   SUB - Subwoofer
   SL -Side Left
   SR - Side Right
   CEN -Center
2. **L/R STEREO OUTPUT** - Connect to a mixer, amp, or TV audio inputs using an RCA cable to output the audio signal.
3. **COMPONENT (Y,Pb,Pr) VIDEO OUTPUT** - Connect video to a TV with Component (Y,Pb,Pr) video inputs using Component (Y,Pb,Pr) cables.
4. **DIGITAL COAXIAL OUTPUT** - Connect to a sound system with digital Coaxial audio input using a digital audio cable.
5. **VIDEO OUTPUT (RCA)** - Connect to a TV/Video monitor using an RCA video cable.
6. **S-VIDEO OUTPUT** - Connect to a TV/Video monitor with an S-Video input jack using an S-Video cable.
7. **DIGITAL OPTICAL AUDIO OUTPUT** - Connect to a sound system with an Optical audio input using a digital audio cable.
8. **SCART** - For signal output using a SCART cable (Europe).
9. **POWER INPUT** - Connect the power cord (included) here.

NOTE: Make sure the power cord is firmly connected to the Power Input before turning the player on.
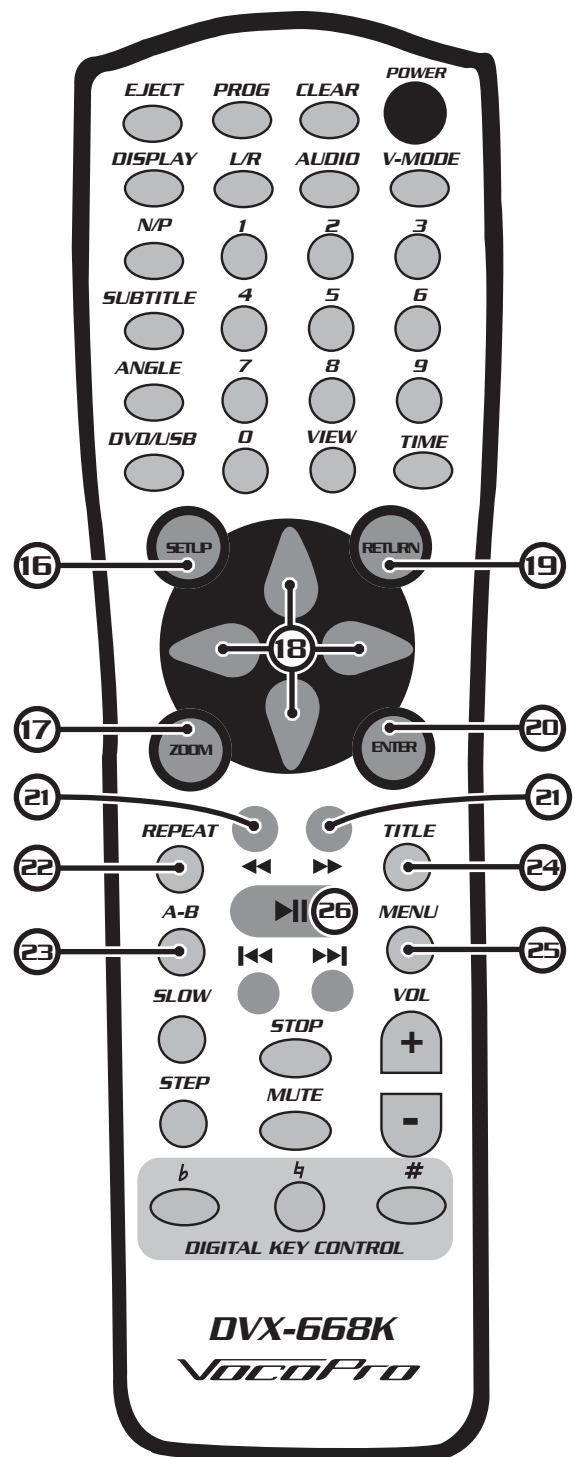
Remote Control

1. **EJECT** - Opens and closes the disc tray.

2. **DISPLAY** - Enable the onscreen track information.

3. **N/P** - Switches between PAL and NTSC video modes. To change video modes press the N/P button until desired mode is selected.

4. **SUBTITLE** - Turns on subtitles for DVDs with subtitles available. *NOTE:* Not all DVDs have subtitles available.

5. **ANGLE** - For viewing multiple angles on a DVD with multiple angles available. *NOTE:* Not all DVDs have multiple angles available.

6. **DVD/USB** - Switches between DISC mode and USB mode.

7. **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.

8. **PROGRAM** - Opens the Program Menu which lets you program a custom playlist order of up to 16 tracks. See the Operations section in this manual for detailed instructions on using the Program Menu.

9. **CLEAR** - Erases numbers entered into a menu without closing the menu.

10. **AUDIO** - Cycles between the available audio languages on DVDs with multiple languages available. *NOTE:* Not all DVDs have multiple languages available.

11. **POWER** - Turns Standby mode ON and OFF.

12. **V-MODE** - Cycles through the available video output modes: RGB, YUV, P-SCAN. To change the video output mode press the V-MODE button until desired mode is selected.

13. **DIRECT TRACK ACCESS (NUMBER)** - For use whenever number input is necessary. i.e. Jumping directly to tracks/chapters, programming tracks in program mode, parental password, etc. See the Operations section in this manual for detailed instructions.

14. **TIME** - Opens up the GO TO menu which allows you to jump to a certain time on DVDs, VCDs and CDs. See the Operations section in this manual for detailed instructions on using the GO TO option.

15. **VIEW** - Use this to enable SCAN mode, which cycles through the first six seconds of each track on the disc. Press again to resume normal playback.
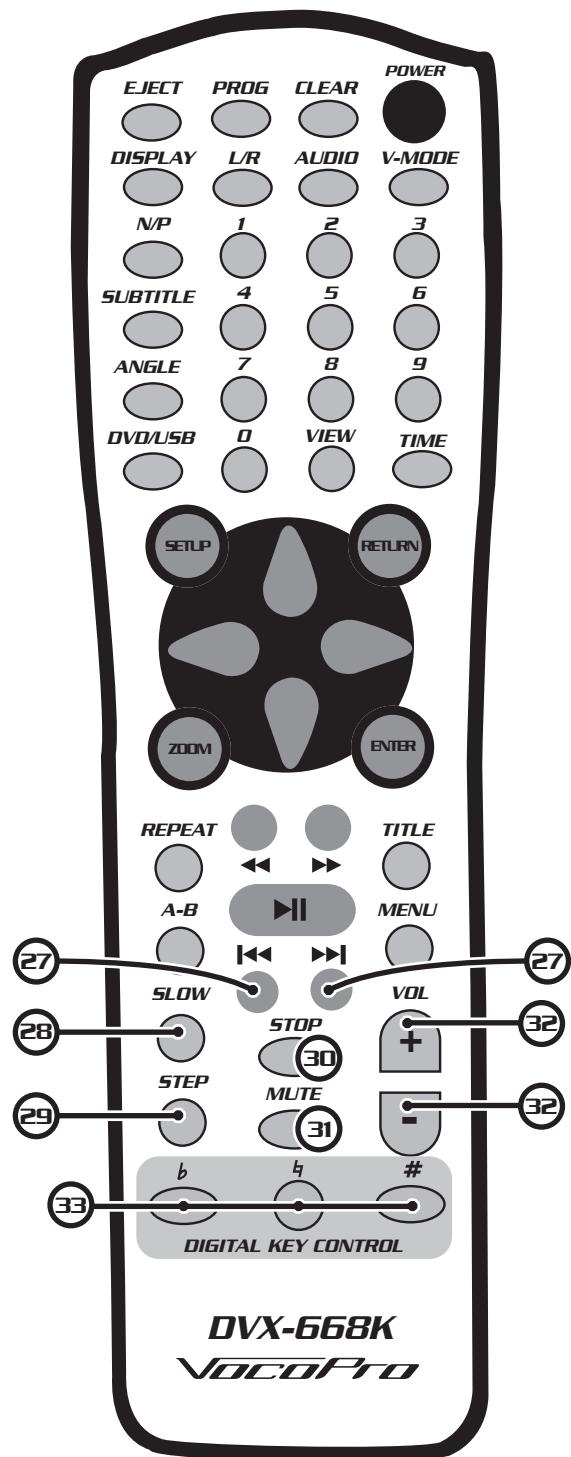

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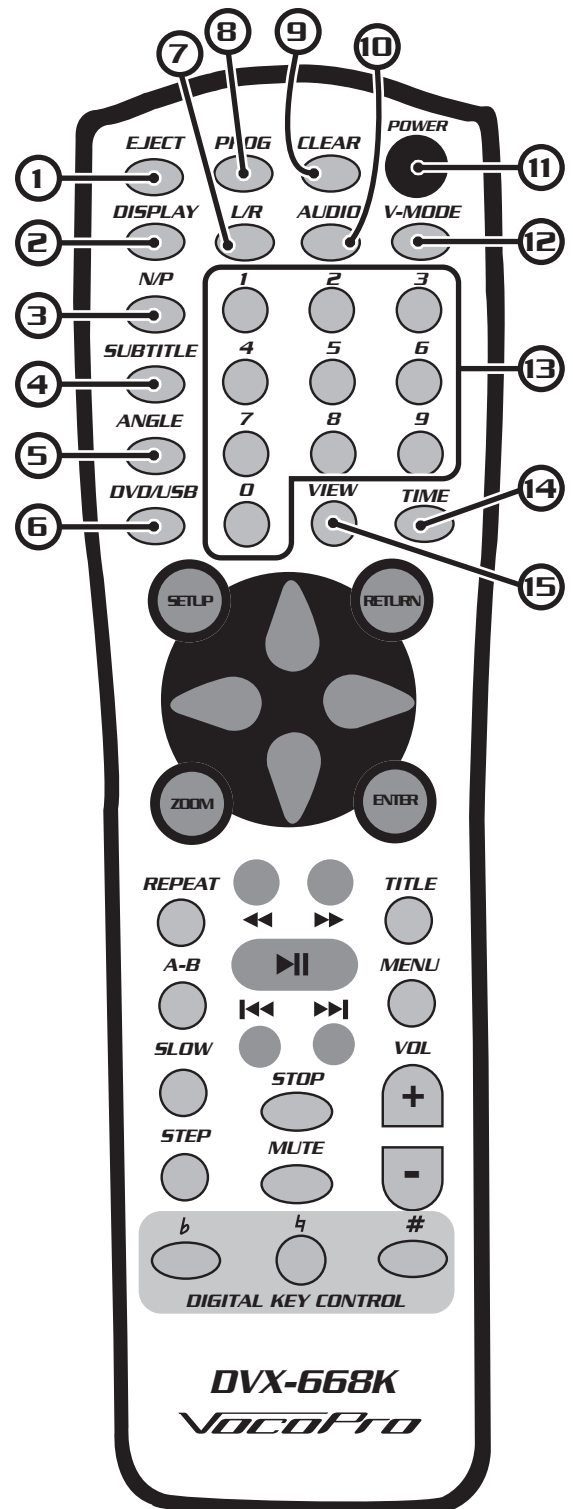
16. **SETUP** - Accesses the Setup Menu. See the Setting Up Preferences section in this manual for detailed instructions on using the Setup Menu.

17. **ZOOM** - For zooming in on the picture on DVDs, CD+Gs and VCDs. You can zoom to a scale of 2X, 3X, 4X, 1/2, 1/3 or 1/4.

18. **ARROW** - For navigating through on-screen menus.

19. **RETURN** - Accesses the main menu on a VCD 2.0 disc.

20. **ENTER** - For making selections in on-screen menus.

21. ▶▶ ◀◀ - For scanning through a track. ◀◀ scans backwards and ▶▶ scans forwards.

22. **REPEAT** - Cycles through the available repeat options. Repeat options vary depending on the type of disc. See the Operations section in this manual for detailed instructions on using the Repeat function.

23. **A-B** - For setting a section on a disc for continuous looping. See the Operations section in this manual for detailed instructions on using the A-B loop feature.

24. **TITLE** - Accesses the title screen on a DVD.
   NOTE: For use on DVDs with title screens. Some DVDs may not have a title screen.

25. **MENU** - Accesses the main menu on DVDs and other discs with main menus.

26. ▶‖ **(PLAY/PAUSE)** - Plays a disc. During playback, press to pause the disc.

27. ▶▶| |◀◀ **(NEXT/PREV)** - Press |◀◀ (PREV) to jump to the previous track and ▶▶| (NEXT) to jump to the next track.

28. **SLOW** - Cycles through available Slow-motion Reverse and Slow-motion Forward options. See the Operations section in this manual for using the slow-motion function.

29. **STEP** - For viewing one frame at a time on video discs. See the Operations section in this manual for detailed instructions on using the Step function.

30. **STOP** - Stops the disc or media.

31. **MUTE** - Mutes all disc music and movie audio.

32. **VOL+ & VOL-** - Adjusts the master music volume.

33. **Digital Key Control** - Adjusts the musical key to fit a singer's vocal range.
Press ♭ (FLAT) to lower the key.
Press ♯ (SHARP) to raise the key.
Press ♮ (NATURAL) to return back to the original key.

Setup Menu

The Setup Menu can be accessed by pressing the SETUP button on the remote control and allows you to change the DVX-668K's system settings. Use the arrow keys to select each page tab at the top of the screen.

GENERAL SETUP PAGE

1. Tv Display - Select one of these choices to match your television or viewing preferences:
   Normal/PS - For viewing a 4:3 or "Pan and Scan" image format on your standard TV.
   Normal/LB - View a widescreen image on your standard TV.
   Wide - This setting is for viewing the output on a widescreen TV.
   Wide Squeeze - Format a 4:3 or "Pan and Scan" image for a widescreen TV.

2. Angle Mark - Set the angle for compatible DVD discs.

3. OSD Lang - Change the on screen display language: English, French, German, Spanish, Dutch.

4. Captions - Enable on screen captions during movie playback (works with compatible DVD discs).

5. Screen Saver - Screen saver is used to protect your TV/video monitor when the player is idle for a significant period of time.

6. Last Memory - When this mode is enabled, the DVX-668K will store the point that your disc was stopped, and return to that point when the disc is resumed. The disc can be removed from the player and the LAST MEMORY function will still play from the last point.

AUDIO SETUP PAGE

1. Speaker Setup
   DownMix
      Lt/Rt - Sound output is divided with the Left coming out of the Left speaker and the Right coming out of the Right speaker.
      Stereo - Sound output is in Stereo Mode.
      V SURR- Use stereo output to create a virtual 5.1 surround sound effect.
      5.1 CH - Use when you have a complete 5.1 speaker setup connected to the DVX-668K.
   Front Speaker
      Large - If you have front speakers capable of low frequency output.
      Small - If you have front speakers that are not capable of low frequency output.
   Center Speaker
      Large - If you have a center speaker capable of low frequency output.
      Small - If you have a center speaker that is not capable of low frequency output.
   Rear Speaker
      Large - If you have rear speakers capable of low frequency output.
      Small - If you have rear speakers that are not capable of low frequency output.
   Subwoofer - Turn the subwoofer output on or off.

2. SPDIF Setup
   Spdif Output
      Spdif/Raw - When using digital output to connect to an amplifier with Dolby decoding, select this option.
      Spdif/Pcm - When using digital output for stereo playback.
   Lpcm OUT - Choose the LPCM sampling rate for digital output, 46K or 96K.

3. Dolby Digital Setup
    Dual Mono - Select the speaker output. It is usually recommended that you stay in STEREO mode for best results.
        Stereo - 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.
    Dynamic - Setting the compression allows you to play music at a lower volume without losing the original quality of the sound. Great for late night use.
        Full - Full-volume cinematic sound.
        3/4 - Low compression.
        1/2 - Medium compression for general use.
        1/4 - High compression for quieter (late night) use.
        OFF - No Compression.

4. Channel Delay - Use the arrow keys to set the delay for each channel, Center, Subwoofer, Left or Right. Press ENTER to confirm settings and exit.

5. Equalizer - Set the EQ levels to presets to best suit your audio type:
    EQ - Rock, Pop, Live, Dance, Techno, Classic, Soft.
    Bass Boost - Increase the low end of your audio output.
    Super Bass - Maximize the low end of your output.
    Treble Boost - Increase the high end of your audio output.

6. 3D Processing - Choose your processing setting for your DVX-668K to best suit your complete home theater system setup and arrangement.
    Pro Logic II - Create a surround sound effect for your stereo audio.
        Pro Logic II - Enable or disable Dolby Pro Logic II or set to AUTO.
        Mode - Set the mode to best match your audio type: Music, Movie, Pro Logic, Auto.
        Panorama - Enable or disable the output of audio to the left and right surround speakers.
        Dimension - Change the amount of sound in the rear speakers.
        Center Width - Adjust how much of the left and right channel form the center channel.
    Reverb Mode - Set the reverb levels to one of these preset modes to duplicate the echo effect of each space: Concert, Living Room, Hall, Bathroom, Cave, Arena, Church

7. HDCD - Change the filter settings for HDCD discs to adjust sound quality.

VIDEO SETUP PAGE

1. Component - Select the type of output you are using to connect the DVX-668K to your TV system: S-video, Yuv and RGB.

2. TV mode - Change the video output to progressive scan or interlaced.

3. Quality - Adjust the appearance of the video to suit your TV, monitor or application.
   Sharpness - Set the level of sharpness of your on-screen image: High, Medium and Low.
   Brightness - Increase or decrease the brightness of your on-screen image.
   Contrast - Adjust the contrast of your on-screen image.
   Gamma - Set a gamma level for the video output: High, Medium and Low.
   Hue - Adjust the hue variance of the on-screen image.
   Saturation - Increase or decrease the saturation of the on-screen image.
   Luma Delay - Adjust the luma settings of your image.

PASSWORD SETUP PAGE

1. Password Mode - Enable or disable the password mode to protect parental settings.
2. Password - Change the password. The default password is **136900.**

Troubleshooting

There is no power
- Make sure the power cord is firmly connected to the back of the DVX-668K and to the power outlet
- If using a power strip/surge-protector, make sure that it is plugged in and switched on

There is no sound
- 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 audio settings in the setup menu are set to match your connections

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
- Make sure the DVX-668K is set to the correct video output mode using the V-MODE button on the remote control

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

Remote control does not work
- Make sure the batteries are inserted, inserted correctly, and not out of power
- Point the remote control directly at the remote sensor on the machine
- Move closer to the machine
- If trying to turn the unit ON with the remote, make sure the power button on the front panel is pressed in

The picture is unclear
- Make sure the disc is not dirty or damaged
- Make sure that the TV TYPE (N/P button on the remote) is set correctly:
  NTSC: In North America
  PAL: In Europe and Asia
- Try restarting the DVX-668K

NOUSB error when attempting to playback off of a USB Drive
- Turn off the DVX-668K, remove the USB Drive, reconnect and turn the DVX-668K back on

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