

cinego

user's guide

D-1000



Please read and save these instructions!

4	features	20	operating your projector
4	about DLP™ technology	20	powering your projector
5	playable formats	21	playing a DVD or Kodak Picture CD with the remote
5	regional code	21	playing a DVD or Kodak Picture CD without the remote
7	what's included	21	adjusting your projector
8	remote	21	adjusting focus and zoom
10	right/front view	22	connecting your satellite or HDTV system
11	right view	24	connecting a digital video camera
12	bottom view	24	connecting a gaming console
13	left view	24	connecting a PC
14	sub woofer (front)	26	connecting external computer speakers
15	sub woofer (back)		
16	important safety instructions	27	advanced setup
17	Usage Notice	27	finding the ideal height for your projector
18	setting up your projector	28	determining the ideal distance from the screen
18	find the ideal location for your new projector	29	adjusting your projector
19	connecting your projector	29	adjusting the shape of your picture
19	connecting power	29	keystone
19	connecting your sub woofer		

29	aspect ratio	54	ordering information
30	using the projector setup menus	54	ordering accessories
30	display	54	ordering replacement lamps
31	image	55	product specifications
32	language	55	projector
33	audio	55	sub woofer
34	management		
35	about		
36	customizing your system		
36	using the system setup menus		
40	using the language setup menus		
43	using the digital setup menus		
45	changing the lamp module		
47	changing the remote battery		
48	caring for your projector		
48	service and repair		
49	the FCC wants you to know		
50	warranty		
50	notes on copyrights		
51	frequently asked questions		

features

about DLP™ technology

Thank you for purchasing a Cinego projector. Cinego uses cutting-edge technology to bring you the best quality projection for your home theater.

clarity

DLP™ technology comes closer than any other display solution to reproducing the exact mirror image of its source material. That's why images projected by DLP™ technology are always crystal clear.

The DMD chip is probably the world's most sophisticated light switch. It contains a rectangular array of up to 1.3 million hinge-mounted microscopic mirrors; each of these micromirrors measures less than one-fifth the width of a human hair.

When a DMD chip is coordinated with a digital video or graphic signal, a light source,

and a projection lens, its mirrors can reflect an all-digital image onto a screen or other surface. The DMD and the sophisticated electronics that surround it are what we call Digital Light Processing™ technology.

The thousands of mirrors making up the Digital Micromirror Device at the heart of DLP™ technology are spaced less than one micron apart, resulting in a very high "fill factor." By minimizing the gaps between pixels in a projected image, DLP™ projection systems create a seamless digital picture that's sharp at any size—without the pixellation or "screen door" effect apparent in other technologies.

color

DLP™ technology reproduces a range of colors up to eight times greater than that of analog projection systems.

In televisions and home theater systems, DLP™ projection creates rich blacks and darker shades than is possible with other technologies.

You may notice that this unit is not quite as bright as a computer projector. This is because its optical color system is tailored for a cinematic experience.

reliability

DLP™ technology makes projectors, home theater systems and televisions more robust and more reliable.

tried and true

DLP™ technology is in use wherever visual excellence is in demand. In fact, it's the only display solution that enables movie projectors, televisions, home theater systems and business projectors to create an entirely digital connection between a graphic or video source and the screen in front of you.

The result is maximum fidelity: a picture whose clarity, brilliance and color must be seen to be believed.

playable formats

Your projector will play the following types of discs:

- CD
- CD-R/RW
- DVD-R
- VCD
- SVCD
- DVD-RW
- DVD+RW
- DVD+R*
- DVD
- Picture CD

*Some DVD+R discs may not be supported.

regional code

This DVD player is designed and manufactured for playback of region "1" encoded DVD software. This unit can play only DVD discs labeled "1" or "ALL".



Clearly visible on the cover of most DVDs, you'll find a picture of a globe with one or more numbers on it. This number must match your DVD player's regional code. Otherwise, the disc cannot play properly.

what's included



1	Projector	7	Sub Woofer
2	Remote	8	S-Video Adapter
3	Composite Video Adapter	9	Component Video Adapter
4	Sub Woofer Cable	Quick Start	
5	Projector Power Cord	User's Guide	
6	Audio Adapter		

remote

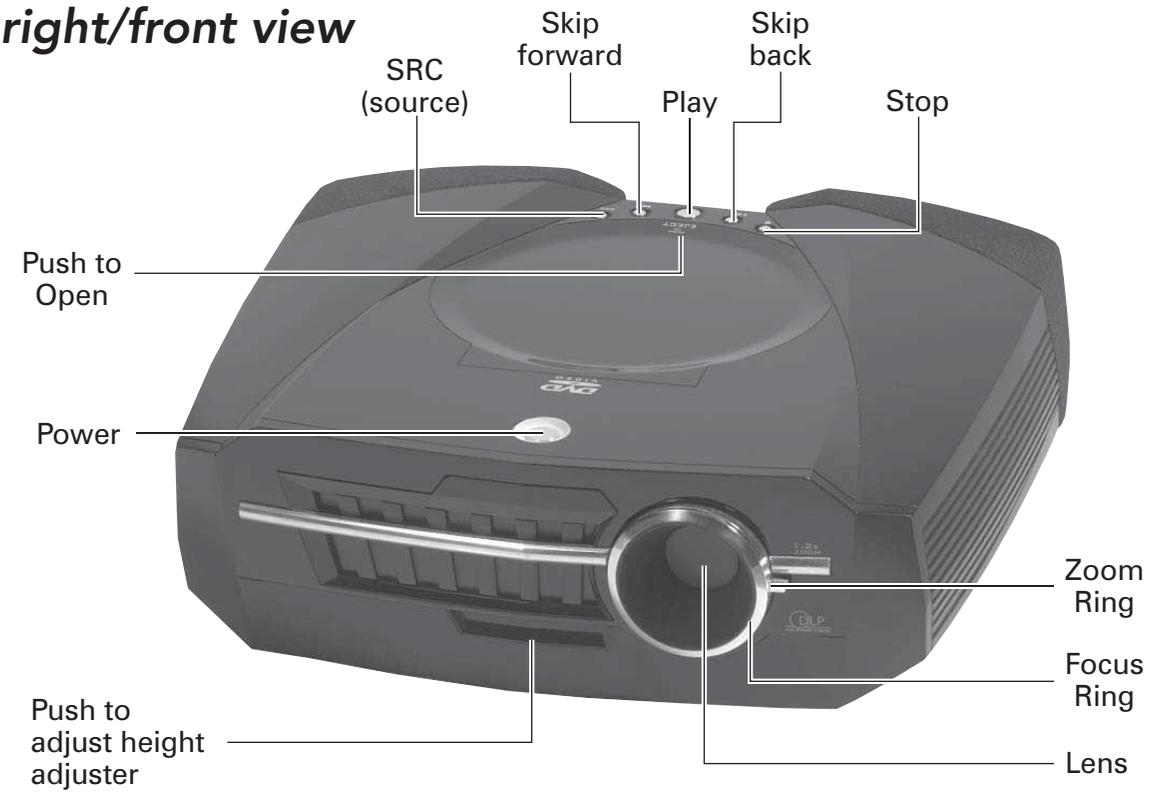


button	Name	function
	Power	Turns the projector on and off.
	MUTE	Turns off the audio.
	Vol - Vol +	Vol - decreases volume. Vol + increases volume.
	TITLE	Displays title information.
	SUB	Turns subtitle function on or off.
	A/B	Defines a period of time to repeat play.
	AUDIO	Selects the audio language.
	MENU	Accesses main menu on DVD.
	Up/5	Moves cursor up.
	REPEAT	Repeats track, chapter, title, or disc.

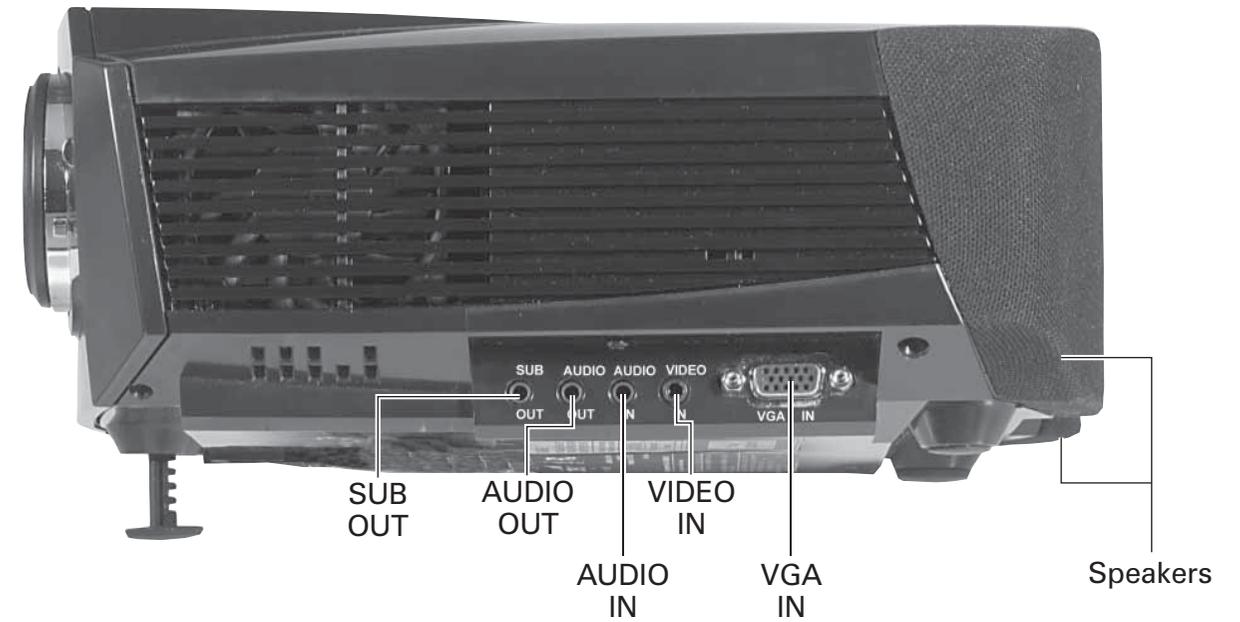
button	Name	function
	SOURCE	Toggles source.
	Left/7	Moves cursor to the left.
	ENTER/8	Makes selection.
	Right/9	Moves cursor to the right.
	NUM	Press for secondary button functions.
	Down/0	Moves cursor down.
	ZOOM/ 10+	ZOOM: Enlarges or reduces Video image. 10+: ex. 11=NUM+10+1
	OSD	Displays chapter/title information.
	Skip back	Skips to previous track or chapter.
	Play/Pause	Press to play or pause.

button	Name	function
	Stop	Press once to hold at present playing point. Press twice to stop playing.
	Skip forward	Skips to next track or chapter.
	AUTO	Automatically adjusts projector settings.
	SLOW	Slow forward.
	Fast Backward	Scans track or chapter, going forward.
	Fast Forward	Scans track or chapter, going backward.
	ANGLE	Selects DVD camera angle.
	FREEZE ESC	Pauses screen image or quits the OSD menu.
	PLAYER SETUP	Press to enter the DVD player's setup menu.
	PROJECTOR SETUP	Press to enter the projector's setup menu.

right/front view



right view



bottom view



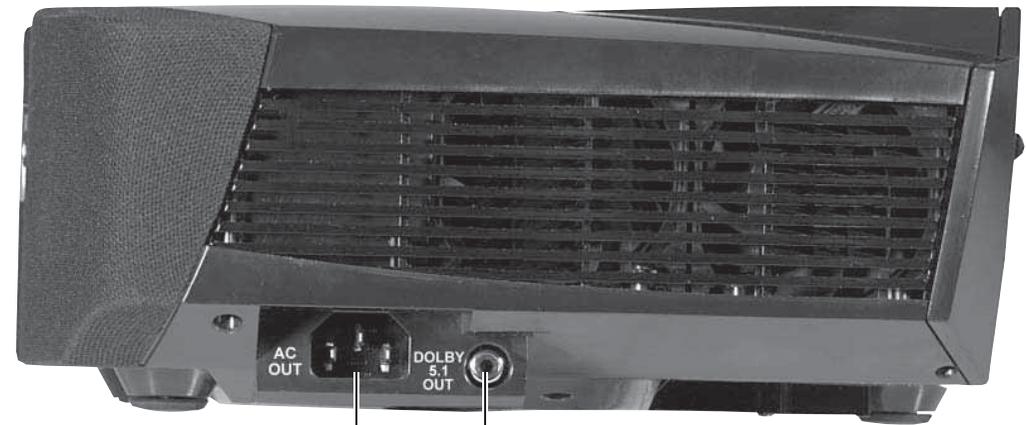
Height adjuster

Lamp module compartment

Rear leveling foot



left view



AC INPUT

DOLBY 5.1 OUT

sub woofer (front)

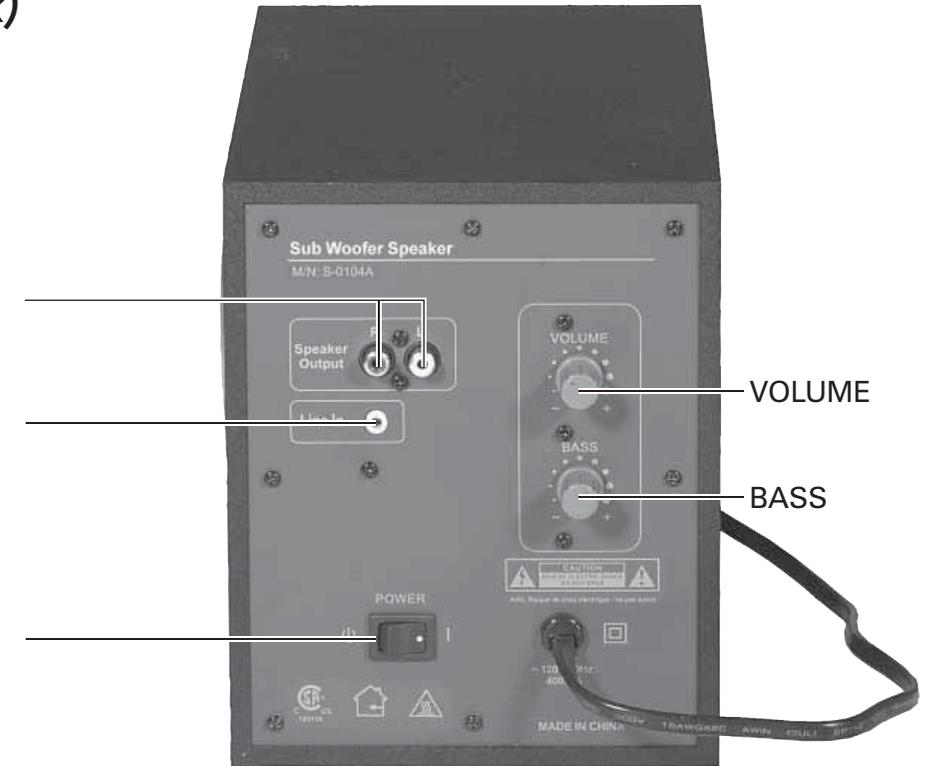


sub woofer (back)

Speaker output

Line In

Power Switch



VOLUME

BASS

important safety instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. Only use attachments/accessories specified by the manufacturer.
11. Unplug this apparatus during lightning storms or when unused for long periods of time.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
14. **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
15. Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.



Usage Notice

Please read and follow these safety instructions carefully. Inappropriate operation may result in fire, electrical shock, or personal injury and shorten the life span of your projector or sub woofer.

1. Do not cover the lens while the lamp lights up.
2. To protect your eyes, do not look directly into the projector's light source.
3. Make sure that you provide adequate ventilation for the projector and sub woofer. Do not block the ventilation holes in the case.
4. To prevent electrical shock, never open the projector or sub woofer case.
5. Before using the projector or sub woofer, make sure the power cord is connected to an AC outlet with a protective safety ground terminal.
6. To replace the lamp, turn off the projector and sub woofer and unplug the power cord. To avoid burns, wait at least one hour before opening the lamp door. Refer to page 51 for instructions on how to change the lamp.
7. Use only the power cord provided and make sure you use an AC outlet with a protective safety ground terminal.
8. Do not block the ventilation openings.
9. Do not place any drinks on top of your projector or sub woofer. Spilled liquids may damage the projector or sub woofer.
10. Do not place the projector or sub woofer on a hot surface.
11. Keep your projector or sub woofer away from moisture and direct sunlight.
12. Handle the projector or sub woofer carefully during transportation. Avoid dropping it.
13. The lamp inside this product contains mercury and must be recycled or disposed of according to local, state, or federal laws.
14. Do not use the projector continuously for more than four hours.
15. **WARNING: Hot surface! Allow the projector to cool for one hour before touching its surface.**

setting up your projector

find the ideal location for your new projector

Before you use your projector, be sure you carefully consider where you are going to place it. Think about the size and shape of your screen, location of power outlets, and the distance between the projector and the rest of your equipment.

NOTE **CAUTION: DO NOT** place your projector directly on a varnished wood surface. This projector produces a large amount of heat over time and will discolor wood furniture.

NOTE **CAUTION: DO NOT** move your projector at all while the lamp is hot. Wait until your projector has cooled before you change its position or adjust its height.

- Place your projector on a surface with adequate ventilation. Do not put it on thick carpeting, which can restrict air flow, or near a heat source such as a heater vent or radiator, which can cause it to overheat.
- Position your projector on a flat surface at a right angle to the screen. The projector must be at least 39 inches from the projection screen.
- Your desired picture size will determine how far away from the screen you should position your projector. The farther back you place the projector, the larger your picture will be (see page 27).

connecting your projector

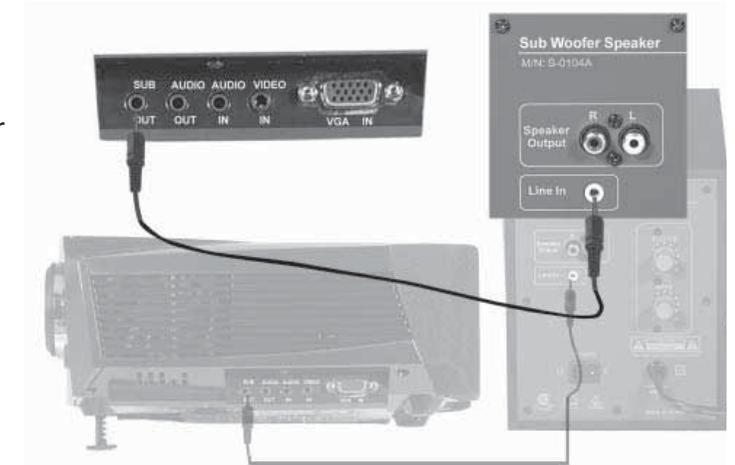
connecting power

Connect your projector to a standard AC wall outlet via the power cable.



connecting your sub woofer

Connect your projector to your sub woofer to experience higher-quality audio, via the audio cable, as shown.



operating your projector



Before operating your projector, remove the lens cap.



If a DVD is inside the compartment when you press power, the projector will automatically play the DVD.

powering your projector

To turn on your projector, make sure it is connected to a standard AC outlet via the power cord and then press power.

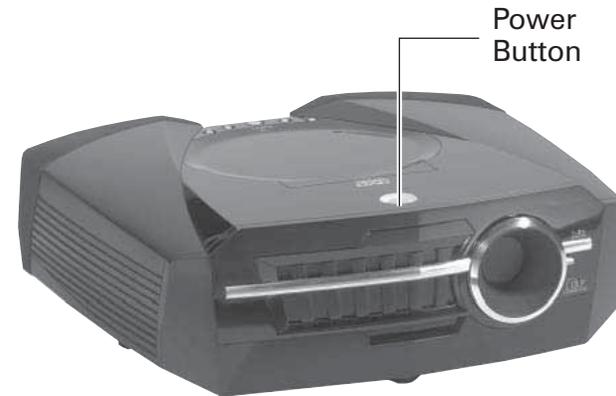
To turn off the projector, press the power button once. Push the power button once more to confirm. The projector will then enter a cooling cycle to preserve the lamp.



Once the projector enters its cooling cycle, you cannot turn it back on until the cooling cycle has completed (about 3 minutes).



*To maximize the life of the lamp, **do not** unplug the projector during the cooling cycle and do not move it or adjust its height until it has cooled.*



playing a DVD or Kodak Picture CD with the remote

1. Turn on the projector.
2. Open the DVD compartment and place your DVD inside. Close the DVD compartment.
3. Press .

playing a DVD or Kodak Picture CD without the remote

1. Turn on the projector.
2. Open the DVD compartment and place your DVD inside. Close the DVD compartment.
3. Press play. If you are viewing a picture CD, you can use the arrow keys to change the orientation of the pictures.

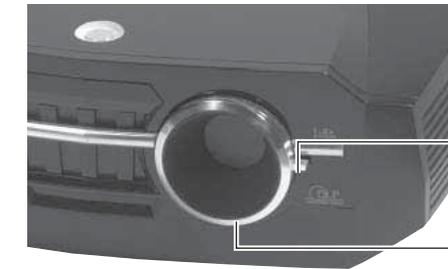


Some DVDs require that you navigate through a menu to play the DVD. Others will allow you to bypass the menu by pushing play.

adjusting your projector

adjusting focus and zoom

1. Turn on the projector.
2. Rotate the focus ring until you see a clear picture.
3. Rotate the zoom ring to adjust picture size.



Zoom Ring

Focus Ring

You have now entered the Beyond the Basics section of this User's Guide. Here, you will find more advanced information about your projector and its functions.

advanced connections

You can connect other devices, such as tuner, HDTV source, satellite system, gaming console, PC, or digital video camera to your Cinego. To prevent hum and other noise, use high-quality cables.



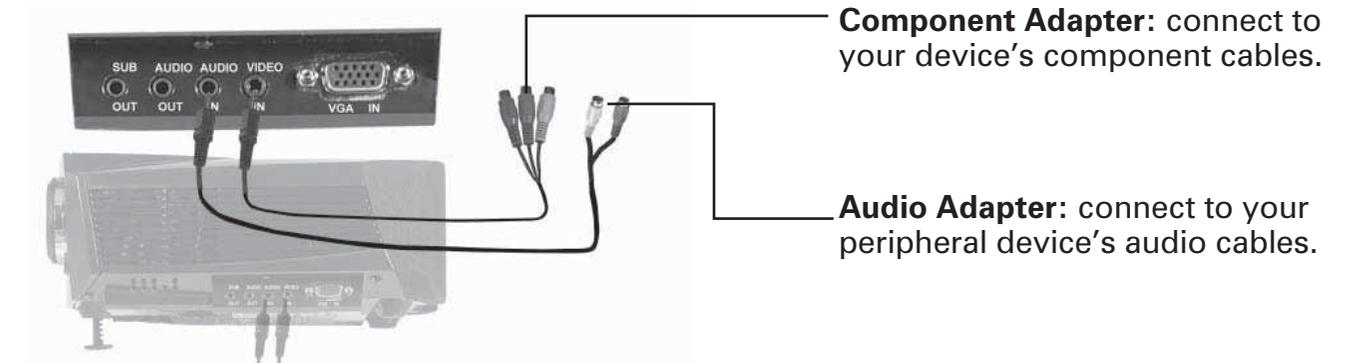
Before you make any connections, ensure that the AC power cord is not plugged in.



After you have made your connections, press SRC (source) either on the projector or on the remote.

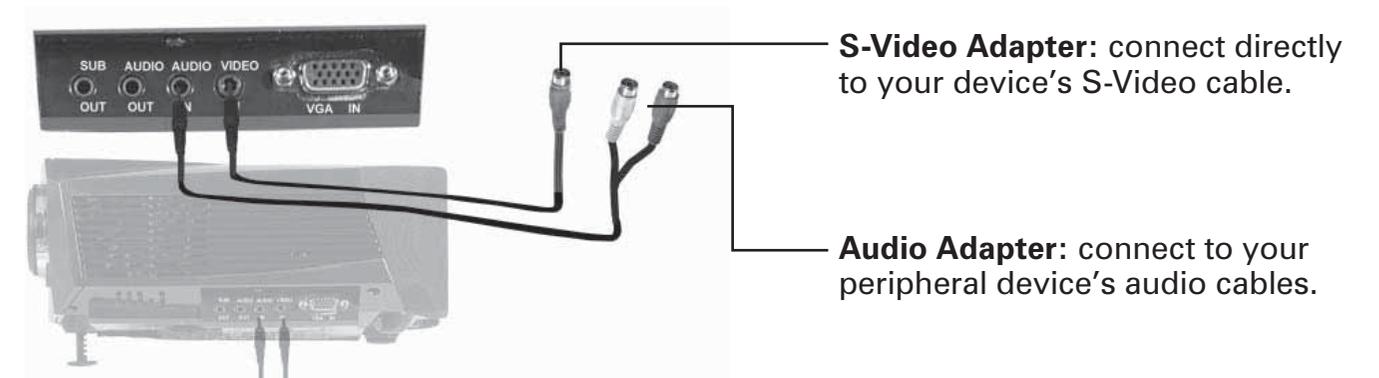
connecting your satellite or HDTV system

1. Connect **either** the component video or the S-video **adapter** to your projector, as shown.
2. Connect the adapter to your HDTV, tuner, or satellite system's cables, as shown. (Extra cables not included.)
3. Connect sound from your projector directly to your HDTV, tuner, or satellite system via the **audio** cable, as shown.
4. Press SRC (source).



Component Adapter: connect to your device's component cables.

Audio Adapter: connect to your peripheral device's audio cables.



S-Video Adapter: connect directly to your device's S-Video cable.

Audio Adapter: connect to your peripheral device's audio cables.

connecting a digital video camera

Connect your digital video camera to your projector via the composite cable adapter, as shown.



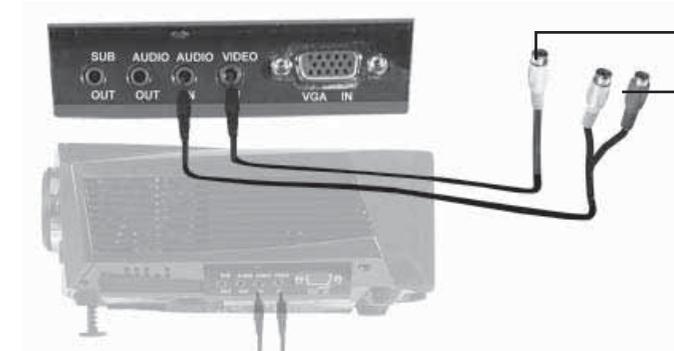
Your digital video camera must have composite outputs in order to connect to the projector.

connecting a gaming console

1. Connect **either** the component video or composite video **adapter** to your projector, as shown.
2. Connect the adapter to your gaming console, as shown.
3. Connect sound to your projector from your gaming console via the **audio** cable, as shown.
4. Press SRC (source).

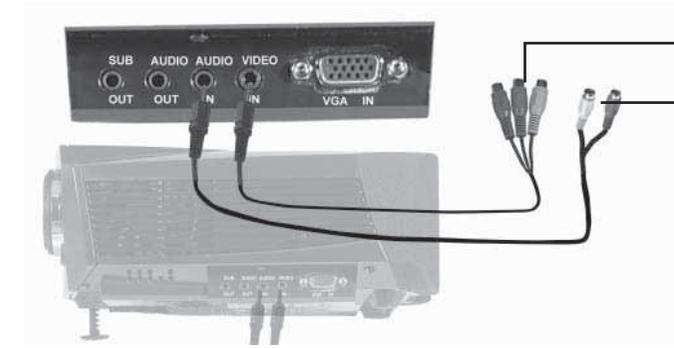
connecting a PC

Connect your PC to your projector via a VGA cable. Cable not included.



Composite Adapter: connect directly to your device's composite cable.

Audio Adapter: connect to your peripheral device's audio cables.

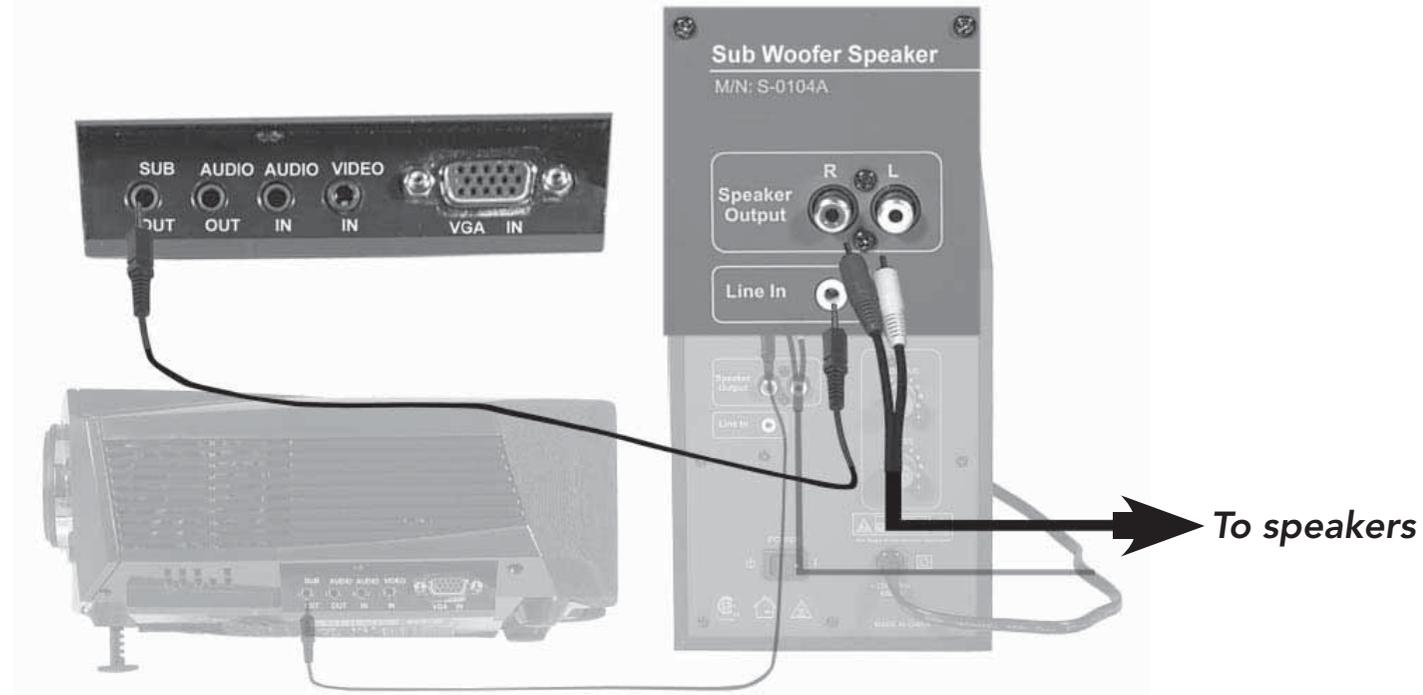


Component Adapter: connect to your device's component cables.

Audio Adapter: connect to your peripheral device's audio cables.

connecting external computer speakers

1. Connect the projector to the subwoofer via the audio cable.
2. Connect your speakers to the subwoofer via audio cables, as shown below.

**advanced setup****finding the ideal height for your projector**

The size and location of your screen and projector will determine the proper height of the projector. To raise or lower the projector, use the foot as shown.



CAUTION: DO NOT place your projector directly on a varnished wood surface. This projector produces a large amount of heat over time and may discolor wood furniture.



CAUTION: DO NOT move your projector at all while the lamp is hot. Wait until your projector has cooled before you change its position or adjust its height.

determining the ideal distance from the screen

The size and location of your screen and projector will determine the proper height of the projector. Use the table below to approximate the distance between the screen and projector. The farther away from the screen you place your projector, the larger the picture will be.



CAUTION: DO NOT place your projector directly on a varnished wood surface. This projector produces a large amount of heat over time and may discolor wood furniture.

diagonal screen size (inches)	approximate projection distance (inches)
22	39
28	48
55	96
70	120

adjusting your projector

On Screen Display (OSD) Menus vary depending on what type of source you are using.

adjusting the shape of your picture



To adjust keystone and aspect ratio, access the Display menu as described below.

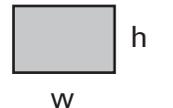
keystone

Keystone is a term we use to describe what happens when a projector is not aligned properly with the screen, or when the projection screen has an angled surface. The image shape resembles a trapezoid rather than a square.



aspect ratio

Aspect ratio is the ratio of the projected picture's width to its height. For example, the ratio of this rectangle is w:h.



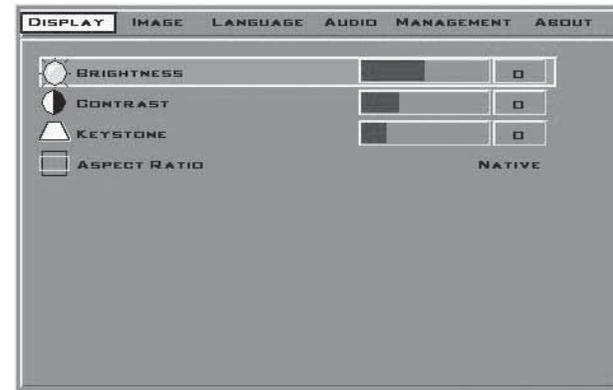
Widescreen pictures have an aspect ratio of 16:9 (or sixteen by nine). Full screen pictures have an aspect ratio of 4:3 (or four by three). DVD movies should be marked either wide screen or full screen. We suggest that you set your aspect ratio to 16:9 for wide screen movies and 4:3 for full screen movies.

using the projector setup menus

Video menus will appear when you are using any source, except for PC. VGA menus will appear when your projector is connected to a PC.

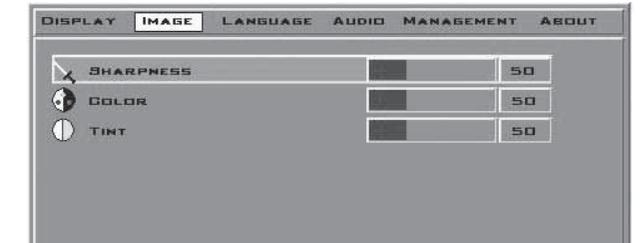
display

1. Press to access the DISPLAY menu.
2. Use and to select brightness, contrast, keystone, or aspect ratio of the picture. See Glossary for definitions.
3. Use and to make adjustments.
4. Press once to access another menu and twice to exit.

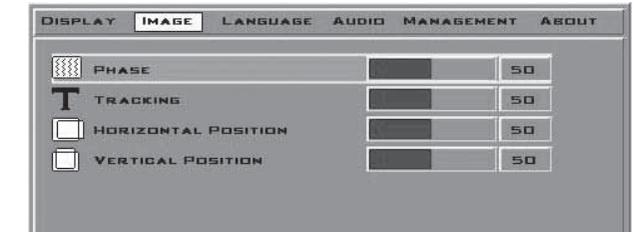
**image**

1. Press and then to access the IMAGE menu.
2. Use and to select image settings.
3. Use and to make adjustments.
4. Press once to access another menu and twice to exit.

Video Menu (IMAGE)



VGA Menu (IMAGE)

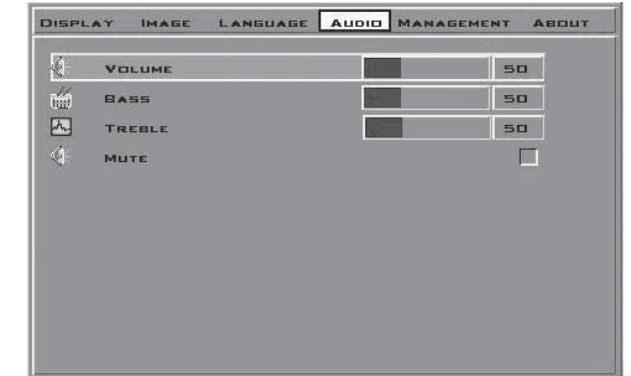


language

1. Press  and then  to access the LANGUAGE menu.
2. Use  and  to select your favorite menu language.
3. Press  once to access another menu and twice to exit.

*audio*

1. Press  and then  to access the AUDIO menu.
2. Use  and  to select volume, bass, treble, or to mute the projector.
3. Use  and  to make adjustments.
4. Press  once to access another menu and twice to exit.



management

1. Press  and then  to access the MANAGEMENT menu.
2. Use  and  to make advanced adjustments to the picture.
3. Press  once to access another menu and twice to exit.



- **ECONOMY MODE:** Decreases lamp brightness, makes the unit run more quietly, and makes the lamp last longer. In Economy Mode, the lamp will last for about 3000 hours. In normal mode, the lamp will last for about 2000 hours.
- **GAMMA:** Allows you to select the type of picture and coloring you prefer.
- **AUTO SOURCE SELECT:** Automatically selects your source.
- **REAR:** Projects a backwards image for rear projection application.
- **LAMP RESET:** After you replace the lamp, select this to reset the lamp life. (Does not reset display hours, for warranty purposes.)
- **FACTORY RESET:** Select to return to factory settings. (Does not reset lamp life counter.)

about

The ABOUT menu contains information regarding your Cinego. Access this screen to see how many hours you have operated your projector and when the lamp needs to be changed.

1. Press  to access the ABOUT menu.
2. Press  once to access another menu and twice to exit after you have noted the necessary information.



customizing your system

using the system setup menus

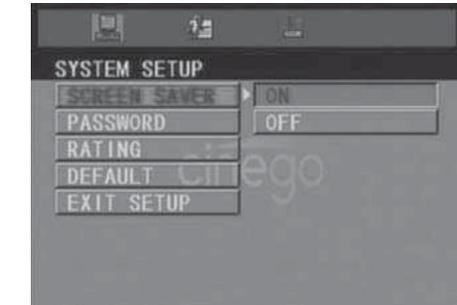
1. Press  to access the SYSTEM SETUP menu.
2. Use  and  to make your selection. See below for a description of each selection.
3. Use  and  to make adjustments.
4. Press  once to exit.



- **SCREEN SAVER:** Turn the screen saver ON or OFF. In screen saver mode, the screen saver will turn on when the projector has been set on pause for about 3 minutes.



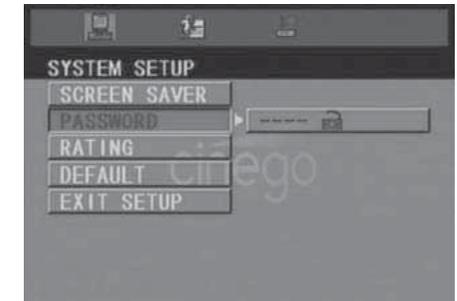
Your projector is not susceptible to screen burn-in of images.



- **PASSWORD:** Lock or unlock the parental presets (ratings). Set the password by pressing NUM and then each digit you choose for your personalized password. Go to RATING to create parental presets (block certain ratings).

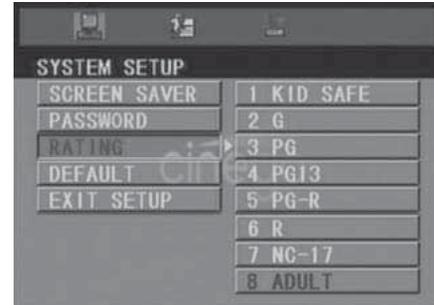


If you forget your password, turn to page 50. Clip these instructions out of the User's Guide and keep them in a safe place.

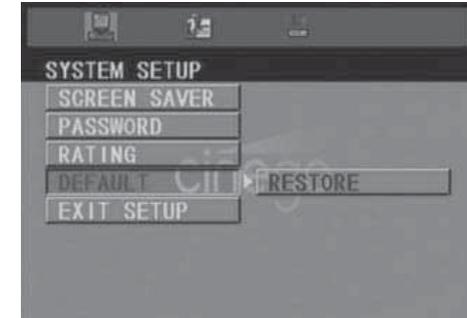


- **RATING:** Select the movie rating you would like your projector to allow. Choose from the following:

security level	rating allowed
1	Kid Safe
2	G
3	PG
4	PG13
5	PG-R
6	R
7	NC-17
8	Adult (Default-will play anything)



- **DEFAULT:** Select RESTORE to return to default settings.



- **EXIT SETUP:** Select to exit Player Setup menus and return to your movie.



using the language setup menus

1. Press  to access the LANGUAGE SETUP menu.
2. Use  and  to make your selection. See below for a description of each selection.
3. Use  and  to make adjustments.
4. Press  once to exit.



- **OSD LANGUAGE:** Select the language you prefer for your on screen display menus.



- **AUDIO LANG:** Select the language in which you prefer to listen to movies.



- **SUBTITLE LANG:** Select the language you prefer for subtitles.

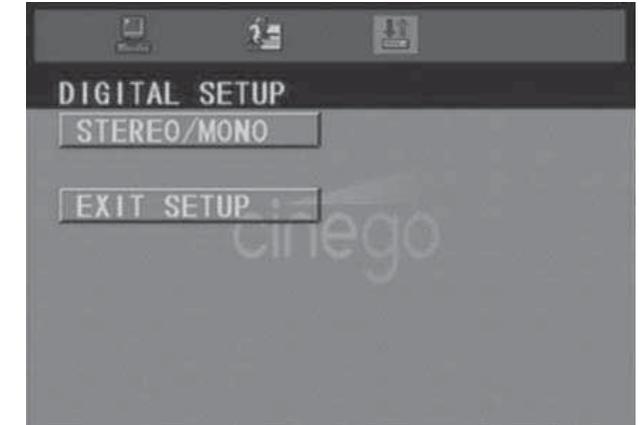


- **MENU LANG:** Select the language in which you prefer to read your Player Setup menus.



using the digital setup menus

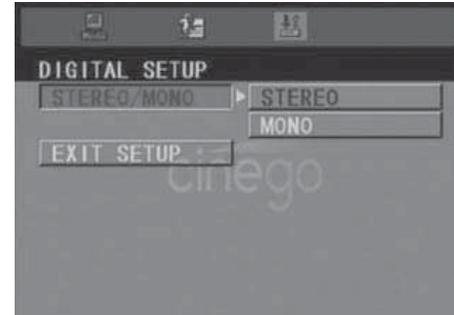
1. Press to access the DIGITAL SETUP menu.
2. Use and to make your selection. See below for a description of each selection.
3. Use and to make adjustments.
4. Press once to exit.



- **STEREO/MONO:** Determine how you would like the sound to be distributed.

STEREO means different sounds will come out of both speakers.

MONO means all sound will come out of both speakers. (May be more suitable for instructional or other types of videos that have voice only.)



changing the lamp module

When the lamp has reached maximum lamp life (about 2000 hours), the projector will display the following message automatically: "Lamp has reached its end of life! Lamp replacement is suggested!" When this message appears, change the lamp immediately.



WARNING: Hot surface! Allow the projector to cool for at least one hour before changing the lamp.



When changing the lamp module, be sure not to touch the lamp itself, as the oils from your skin may damage the lamp.

1. Turn off the projector and allow to cool for at least one hour.
2. Disconnect the power cord.
3. Open the compartment.
4. Remove the 3 screws from the lamp module.



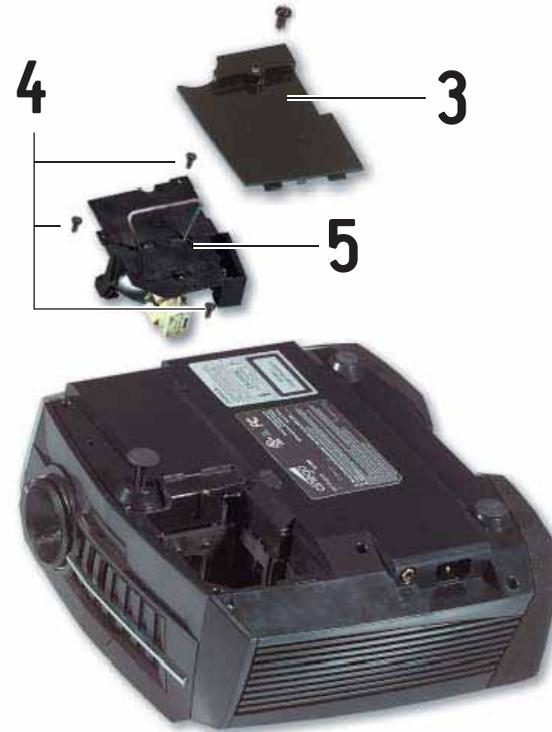
Make sure that you do not drop any of the screws into the lamp compartment.



5. Pull out the lamp module. Replace it with the new one. Make sure the new module snaps in place and fully seats inside compartment.
6. Reverse above steps to replace all of the components you just removed.
7. Connect power and turn the projector back on.
8. Press  and then  to access the MANAGEMENT menu.
9. Use  and  to select LAMP RESET.
10. Press  twice to exit.



The lamp inside this product contains mercury. Recycle or dispose of it according to local, state, or federal laws.

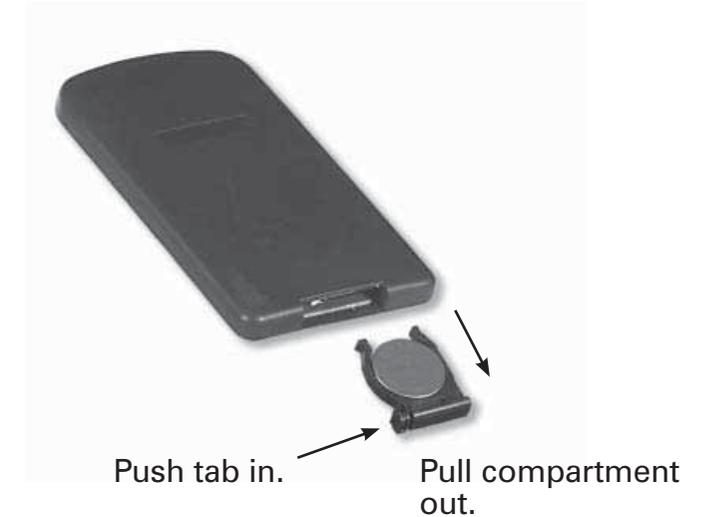


changing the remote battery

Your projector requires one CR2025 button-cell battery (supplied).

1. Remove the battery compartment. Replace when finished. Remove the battery insulation strip.
2. Place the battery in the compartment its positive (+) end facing up.

- When the remote stops operating properly, replace the battery.
- Dispose of old batteries promptly and properly. Do not burn or bury them.
- Use only fresh batteries of the required size and recommended type.
- Do not use batteries of different types, capacities, or chemistries.
- If you do not use your remote for a month or longer, remove the batteries. Batteries can leak chemicals that may destroy electronic parts.
- Keep batteries out of reach of children. Can be fatal if swallowed.





caring for your projector

- Keep your projector dry. If it gets wet, wipe it dry immediately.
- Use and store your projector only in room temperature environments.
- Handle your projector carefully. Do not drop it.
- Keep your projector away from dust and dirt. Wipe it with a damp cloth occasionally to keep it looking new.

service and repair

If your projector is not performing as it should, call 1-866-249-4042 for assistance. Modifying or tampering with your projector's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it.



the FCC wants you to know

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 to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer from whom you purchased this product or an experienced radio/TV technician for help.

If you cannot eliminate the interference, the FCC requires that you stop using your phone. Changes or modifications not expressly approved by the manufacturer may cause interference and void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Product	Cinego
Model	D-1000
Responsible Party	Innovation One, Inc 350 North Henderson Street Fort Worth, TX 76102
Phone	1-866-249-4042

warranty

Your projector is warranted by Innovation One against manufacturing defects in material and workmanship under normal use for two (2) years from the date of purchase from authorized Innovation One dealers. The lamp inside your projector is warranted by Innovation One against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from authorized Innovation One dealers, or five hundred (500) hours of normal use. For complete warranty details and exclusions, call 1-866-249-4042.

Innovation One, Inc.
350 North Henderson Street
Fort Worth, TX 76102
11/04

notes on copyrights

This product incorporates copyright protection technology that is protected by method claims of certain US patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Revers engineering or disassembly is prohibited.

Manufactured under license from Dolby Laboratories. "Dolby," "Pro Logic," and the double-D symbol are trademarks of Dolby Laboratories.

 If you forget your password, you can always use 3308. To unlock, press NUM + 3, NUM + 3, NUM + 0, and then NUM + 8, followed by ENTER.

frequently asked questions

I have just connected my TV or VCR. Why isn't my picture quality as good as when I play a DVD?

Most TVs and VCRs produce analog pictures. Your projector is designed to give you crystal clear graphics when you use it in conjunction with a device that produces a digital picture. Try using the built-in DVD player or a satellite or HDTV system. Also consider purchasing the HDTV tuner that was specially designed for use with your projector.

I have just connected my gaming console, digital video camera, PC, tuner, HDTV, or satellite TV system. Why won't my projector work now?

You may need to change your video source manually, especially if you have more than one source connected to your projector. Press SRC (source) on the remote or projector. Choose the source associated with the peripheral device you have connected and want to use.

I was just using my projector and noticed it gets hot!

Your projector produces a lot of heat over time. Allow the projector to cool down for three minutes after using it before you touch it or try to put it away. Do not attempt to change the lamp until you have allowed the projector to cool for about one hour.

Why is the picture fuzzy?

First, make sure the projector is at least 39 inches away from the screen. Then, try focusing it.

Why can't I see the picture very well? It looks washed out and it's barely visible.

If there is too much ambient light in the room, the picture may become difficult to see. For example, if you are trying to operate the projector during the day or in a well lit room, the light can interfere with the projected image. Try turning off the lights, closing the drapes, or moving to a darker room.

How do I know when to change the lamp?

Access the About menu and look at the lamp life counter. When the lamp life counter nears 2000 hours, we suggest you replace the lamp. After you have done so, access the Advanced menu and reset the lamp life counter.

Why does the message, "Lamp life time up/Replacement suggested" keep flashing every five minutes?

This message automatically pops up when you have reached 2000 lamp hours. Replace the lamp and then access the Management menu to reset the lamp life counter.

Why does my projector keep making noise after I turn it off?

The projector must complete its power down sequence. Included in the power down sequence is an auto cooling cycle to preserve the lamp. **Do not** unplug your projector during this cycle. By doing so, you will shorten the lamp life.

Why is the picture wider on the top than on the bottom?

Keystone is a term we use to describe what happens when a projector is not aligned properly with the screen, or when the projection screen has an angled surface. The image that results is a trapezoid rather than a square. Try adjusting the height adjuster to correct the image or go to page 29 to learn how to adjust the keystone itself.

Why is the picture stretched out or scrunched up?

Check your DVD to find out if it is wide screen or full screen. For wide screen, set your aspect ratio to 16:9. For full screen, 4:3. See pages 28 and 29 for more information.

I have my projector set to Economy Mode. Why is it telling me to replace the lamp after only 2000 hours? Isn't it supposed to last for 3000 hours in Economy Mode?

When your projector is set to Economy Mode, it calculates only fractions of hours. For example, three hours in Economy Mode will be calculated as only two hours.

ordering information

ordering accessories

Call 1-866-249-4042 to order a wide variety of accessories. Some examples are listed below.

55" screen (wall or ceiling mount)	Custom soft case that carries the projector only
92" screen (wall or ceiling mount)	DVD cleaner
106" screen (wall or ceiling mount)	A wide array of audio cables
55" portable screen	HDTV tuner
Tilting platforms	NTSC TV tuner
Point Source Speaker	Maintenance Kit
Projection alignment kit	A/V sender
Cable Management system	Wireless headphone with surround sound
Custom hard case that carries both projector and subwoofer	

ordering replacement lamps

Call 1-866-249-4042 to order replacement lamps. The specifications for the lamp module are listed on the next page.

product specifications

projector

Picture format	True 16:9
Color Reproduction	16.7 million colors
Contrast Ratio	1500:1
Connections	Video In
	Audio In
	Audio Out L/R
	Subwoofer Out
	Dolby 5.1 Out
	VGA
Built-in Audio	Stereo 2 x 2 ³ / ₄ " 5W speakers
Operating noise	34 dB (economy mode)
Lens	1:1.16 Optical Zoom/Manual Focus
Lamp Life (Performance Mode)	2000 hours
Lamp Life (Economy Mode)	3000 hours
Lamp	200 W
Resolution	Native 480p
Weight	7.7 lbs
Dimensions	10.2" x 11.8" x 4"

sub woofer

Dimensions	6.25"W X 10.625"L X 7.5"H
Rating	12 Watts
Weight	7.7 lbs
Driver	5" with passive port

NOTE: Specifications subject to change without notice.



Please read this user's guide before installing, setting up, or using your new product.

Note: Actual product may vary from the images found in this document.

©2004. Innovation One.
All rights reserved. Cinego is a trademark
licensed by Innovation One.

Printed in Taiwan
D-1000
12A04