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The following projector manual has not been modified or altered in any way.

ViewSonic®

Cine1000
DLP Projector

- **User Guide**

- **Guide de l'utilisateur**

- **Bedienungsanleitung**

- **Guía del usuario**

- **Руководство польэователя**

- 使用手冊

- 使用手冊

ViewSonic®

Model No. : VS11182

Compliance Information

For U.S.A.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) The device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. 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 or an experienced radio/TV technician for help.

FCC Warning

To assure continued FCC compliance, the user must use grounded power supply cord and the cables which are included with the equipment or specified. Also, any unauthorized changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

For Canada

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

For European Countries
CE Conformity

The device complies with the requirements of the EEC directive 89/336/EEC as amended by 92/31/EEC and 93/68/EEC Art.5 with regard to "Electromagnetic compatibility," and 73/23/EEC as amended by 93/68/EEC Art.13 with regard to "Safety."

User Information for all Countries

Notice: Use the cables which are included with the unit or specified

Important Safety Information

Congratulations on purchasing the DLP projector!

> **Important:**
>
> It is strongly recommended that you read this section carefully before using the projector. These safety and usage instructions will ensure that you enjoy many years safe use of the projector. Keep this manual for future reference.

Symbols Used

Warning symbols are used on the unit and in this manual to alert you of hazardous situations.

The following boxes are used in this manual to alert you to important information.

> **Note:**
>
> *Provides additional information on the topic at hand.*

> **Important:**
>
> *Provides additional information that should not be overlooked.*

> **Caution:**
>
> *Alerts you to situations that may damage the unit.*

> **Warning:**
>
> *Alerts you to situations that may damage the unit, create a hazardous environment, or cause personal injury.*

Throughout this manual, component parts and items in the OSD menus are denoted in bold font as in this example:

"Push the **Menu** button on the remote control to open the **Main** menu."

Main Features

- Lightweight unit, easy to pack away and transport
- Compatible with all major video standards including NTSC, PAL, and SECAM
- A high brightness rating allows for presentations in daylight or in lit rooms
- Supports resolutions up to SXGA at 16.7 million colors to deliver crisp, clear images
- Flexible setup allows for front rear and ceiling projection
- Line-of-vision projections remain square, with advanced keystone correction for angled projections
- Input source automatically detected

General Safety Information

- Do not open the unit case. Aside from the projection lamp, there are no user-serviceable parts in the unit. For servicing, contact qualified service personnel.
- Follow all warnings and cautions in this manual and on the unit case.
- The projection lamp is extremely bright by design. To avoid damage to eyes, do not look into the lens when the lamp is on.
- Do not place the unit on an unstable surface, cart, or stand.
- Avoid using the system near water, in direct sunlight, or near a heating device.
- Do not place heavy objects such as books or bags on the unit.

Power Safety

- Only use the supplied power cord.
- Do not place anything on the power cord. Place the power cord where it will not be in the way of foot traffic.
- Remove the batteries from the remote control when storing or not in use for a prolonged period.

Replacing the Lamp

- Replacing the lamp can be hazardous if done incorrectly.
- Unplug the power cord.
- Allow the lamp sufficient time to cool.

Cleaning the Projector

- Unplug the power cord before cleaning.
- Allow the lamp sufficient time to cool.

About this manual

This manual is intended for end users and describes how to install and operate the DLP projector. Wherever possible, relevant information—such as an illustration and its description—has been kept on one page. This printer-friendly format is both for your convenience and to help save paper and thereby protect the environment. It is suggested that you only print sections that are relevant to your needs.

Copyright Information

Product Registration

To meet your future needs, and to receive any additional product information as it becomes available, please register your product on the Internet at: **www.viewsonic.com**. The ViewSonic Wizard CD-ROM also provides an opportunity for you to print the registration form, which you may mail or fax to ViewSonic.

For Your Records

Product Name :	Cine1000
	ViewSonic DLP Projector
Model Number :	VS11182
Document Number :	Cine1000 -1_UG_ENG Rev.1A 12-06-05
Serial Number :	_____
Purchase Date :	_____

The lamp in this product contains mercury.
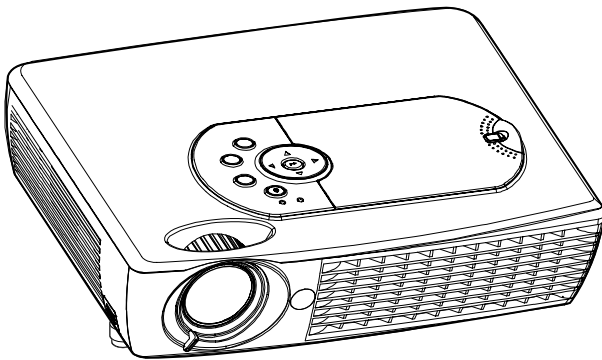Please dispose of in accordance with local, state or federal laws.

Table of contents

GETTING STARTED

Packing Checklist

Carefully unpack the projector and check that the following items are included:

DLP PROJECTOR WITH LENS CAP
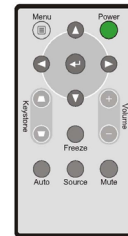
REMOTE CONTROL
(WITH ONE CR-2025 BATTERIES)
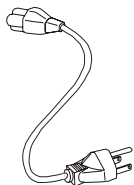
250V POWER CABLE
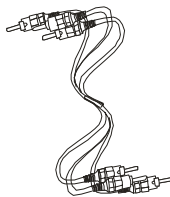
VIDEO CABLE
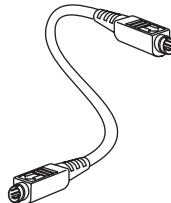
S-VIDEO CABLE
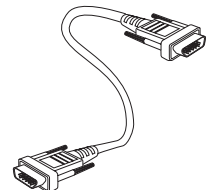
COMPUTER CABLE (DVI-DB15)

CD-ROM (THIS USER'S MANUAL)

MULTI-LANGUAGE QUICK START GUIDE
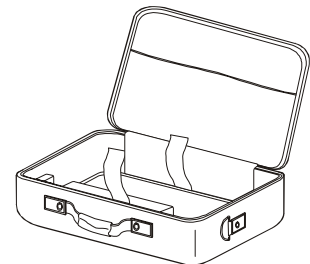
CARRYING CASE

Contact your dealer immediately if any items are missing, appear damaged, or if the unit does not work.

Caution:

1. *Avoid using the projector in dusty environments.*

2. *Leave the power cable plugged in (for 5-10 minutes) until the projector returns to room temperature before placing the projector inside the soft case. Placing the projector into the case soon after switching off the power could cause the projector to break down. Be sure to attach the lens cap and place the projector into the soft case.*

Views of Projector Parts

Front-left view
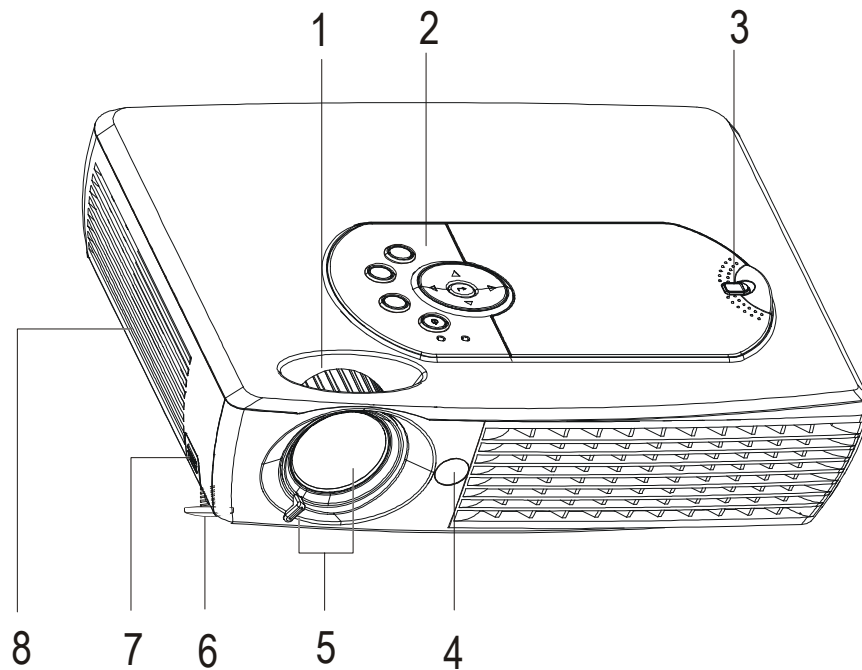
ITEM	LABEL	DESCRIPTION	SEE PAGE:
1.	Zoom	Enlarges the projected image	*15*
2.	*See OSD buttons and LEDs below*		*3*
3.	Projection lamp cover	Remove when changing lamp	*29*
4.	IR receiver	Receiver for IR signal from remote control	*10*
5.	Lens/focus	Remove cover, turn the lens to focus	*15*
6.	Height adjuster	Adjusters drop down when adjuster button is pushed	*14*
7.	Height adjuster button	Push to release height adjuster	
8.	Speaker	Built-in mono speaker	

Important:
Grill openings on the projector allow for good air circulation, which keeps the projector lamp cool. Do not obstruct any of the grill openings.

Top view—OSD buttons and LEDs
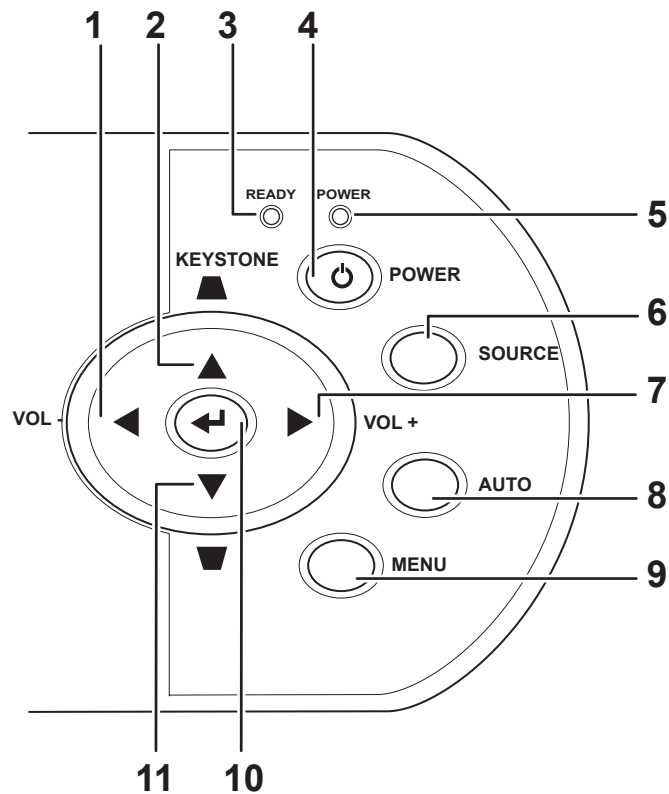
ITEM	LABEL	DESCRIPTION		SEE PAGE:
1.	Volume/ left cursor	Decreases volume Navigates and changes settings in the OSD		*16,17*
2.	Keystone/ Up cursor	Corrects image-trapezoid (narrower top) effect Navigates and changes settings in the OSD		*15, 17*
3.	Ready (LED)	Orange	Lamp ready—you can safely turn on or off the projector	
		Flashing	Lamp not ready—do not press the power button	
4.	Power	Turns the projector on or off (main power switch must be turned on first, see item 8 on page 5)		*13*
5.	Power (LED)	Green	Unit is powered on and working correctly	
		Off	Unit is powered off	
		Flashing	Operational error code (refer to "LED Error Messages" on page 34)	
6.	Source	Detects the input device		*13*
7.	Volume/ right cursor	Increases volume Navigates and changes settings in the OSD		*16, 17*

ITEM	LABEL	DESCRIPTION	SEE PAGE:
8.	Auto	Optimizes image size, position, and resolution	*17*
9.	Menu	Opens/exits the On-Screen Display (OSD)	
10.	Enter	Changes settings in the OSD	
11.	Keystone/ Down cursor	Corrects image-trapezoid (narrower bottom) effect Navigates and changes settings in the OSD	*15, 17*

Rear view—connectors
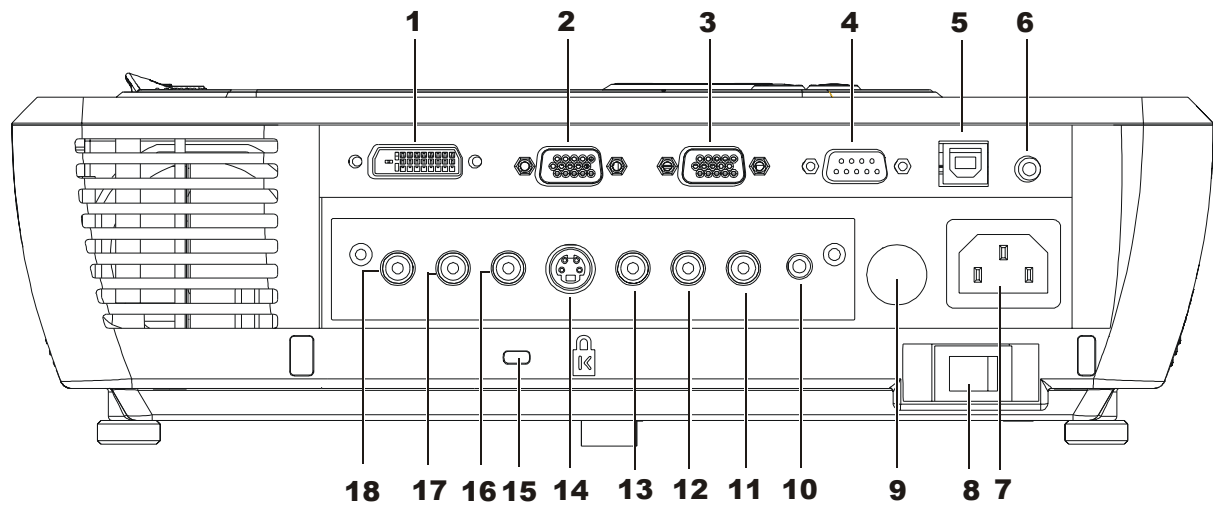
ITEM	LABEL	DESCRIPTION	SEE PAGE:
1.	DVI-I	Connect the DVI cable (supplied) from a computer	*12*
2.	RGB IN	Connect a VGA cable (not supplied) from a computer	
3.	RGB OUT	Connect to a monitor	
4.	RS-232	Installation control and firmware upgrades	
5.	USB	Connect the USB cable (not supplied) from a computer	
6.	Audio-in	Connect the audio cable (not supplied) from the input device	
7.	Power connector	Connect the supplied power cord	
8.	Main power	Turns the main power on or off	
9.	IR receiver	Receiver for IR signal from remote control	*10*
10.	Audio-out	Audio loop-thru	*12*
11.	Audio-in-R	Connect an RCA audio cable (supplied) from the input device right channel	
12.	Audio-in-L	Connect an RCA audio cable (supplied) from the input device left channel	
13.	Video	Connect a composite video cable (supplied)from a video device	
14.	S-video	Connect the supplied S-video cable from a video device	

ITEM	LABEL		DESCRIPTION	SEE PAGE:
15.	Kensington Lock		Secure to permanent object with a Kensington Lock system	*32*
16.	Pr/Cr	Component video in	Connect a component video enabled device	*13*
17.	Pb/Cb			
18.	Y			

Note:
If your video equipment has both S-video and RCA jacks (composite video) connect to the S-video connector.
S-video provides a better quality signal.

Bottom view
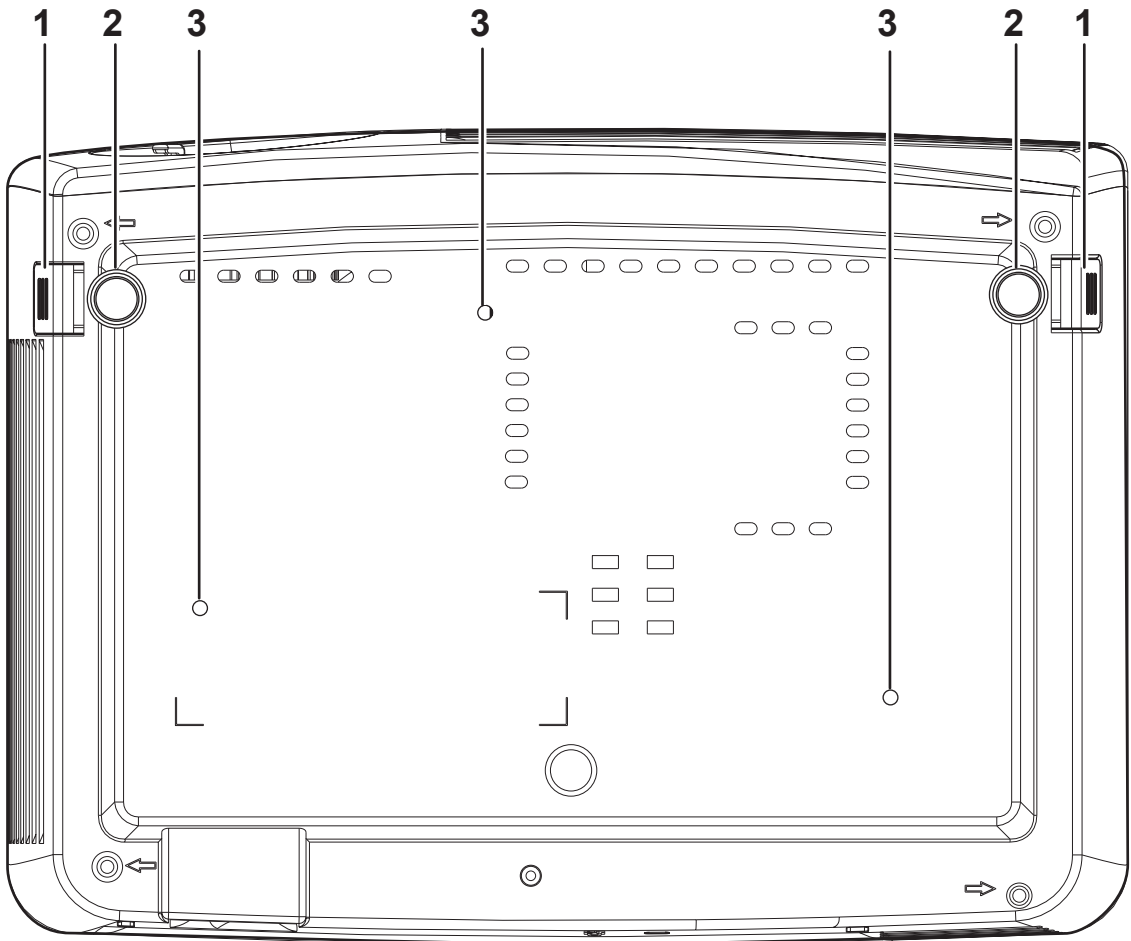
ITEM	LABEL	DESCRIPTION	SEE PAGE:
1.	Height adjuster buttons	Push to release height adjusters	*14*
2.	Height adjusters	Adjusters drop down when adjuster buttons are pushed	
3.	Ceiling support holes	Contact your dealer for information on mounting the projector on a ceiling.	

Remote Control Parts
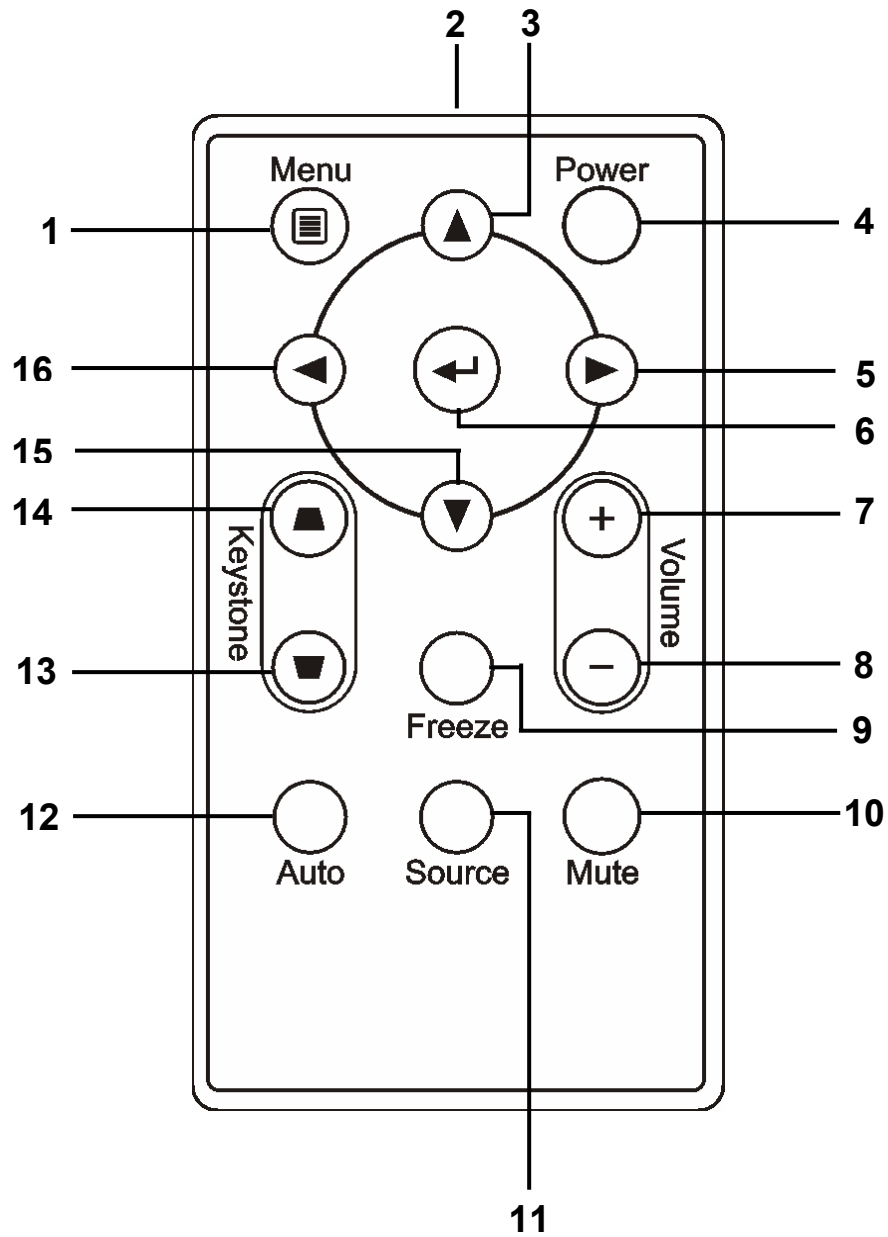
Important:
1. Avoid using the projector with bright fluorescent lighting turned on. Certain high-frequency fluo-rescent lights can disrupt remote control operation.

2. Be sure nothing obstructs the path between the remote control and the projector. If the path be-tween remote and projector is obstructed, you can bounce the remote signal off certain reflective surfaces such as projector screens.

ITEM	LABEL	DESCRIPTION	SEE PAGE:
1.	Menu	Opens the On-Screen Display (OSD)	*17*
2.	IR transmitter	Transmits signals to projector	*10*
3.	Up cursor	Navigates and changes settings in the OSD	*17*
4.	Power	Turns the projector on or off	*13*
5.	Right cursor	Navigates and changes settings in the OSD	*17*
6.	Enter	Changes settings in the OSD	
7.	Volume up	Adjusts volume	*16*
8.	Volume down		
9.	Freeze	Freeze/unfreezes the on-screen picture	
10.	Mute	Mutes the built-in speaker	
11.	Source	Detects the input device	*13*
12.	Auto	Optimizes image size, position, and resolution	
13.	Keystone top	Corrects image-trapezoid (narrower top/bottom) effect	*15*
14.	Keystone bottom		
15.	Down cursor	Navigates and changes settings in the OSD	*17*
16.	Left cursor		

Remote Control Operating Range

The remote control uses infrared transmission to control the projector. It is not necessary to point the remote directly at the projector. Provided you are not holding the remote perpendicular to the sides or the rear of the projector, the remote functions within a radius of about (7) meters (23 feet) and 30 degrees above or below the projector level. If the projector does not respond to the remote control, move a little closer.

Projector and Remote Control Buttons

The projector can be operated using the remote control or the buttons on the top of the projector. All operations can be carried out with the remote control; however the buttons on the projector are limited in use. The following illustration shows the corresponding buttons on the remote control and on the projector.
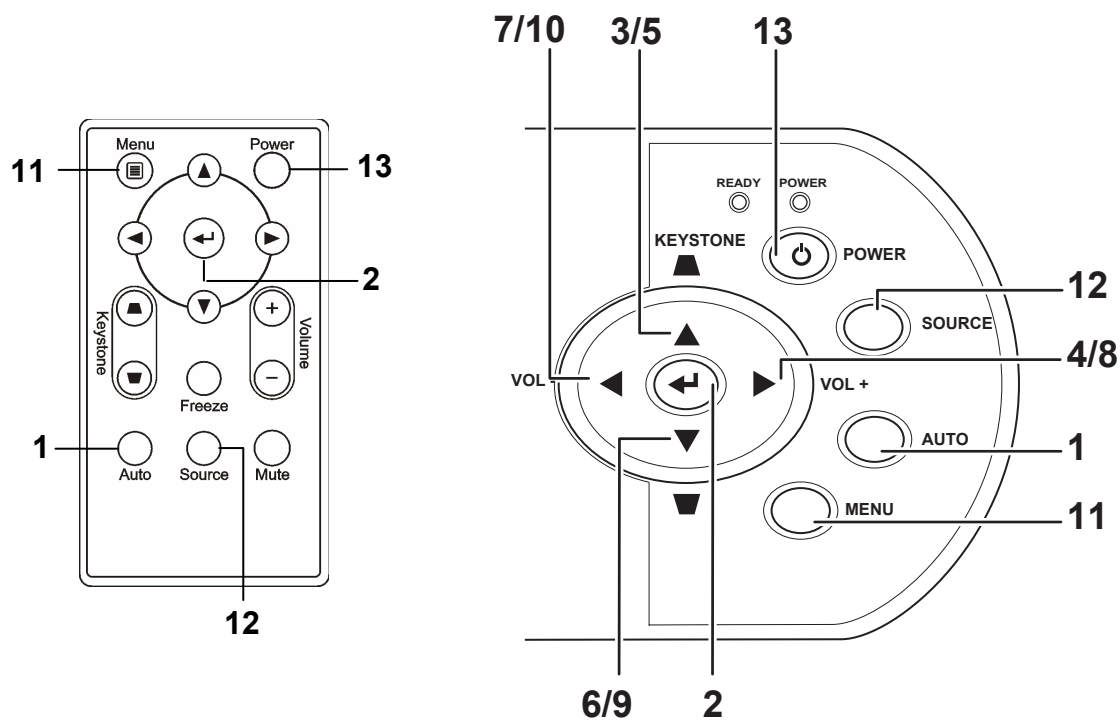
Some buttons on the projector have two functions. For example, item 7/10 on the projector functions both as the volume down button and as the left cursor key in OSD menus.

SETUP AND OPERATION

Inserting the Remote Control Batteries

1. Remove the battery compartment cover by sliding the cover in the direction of the arrow.
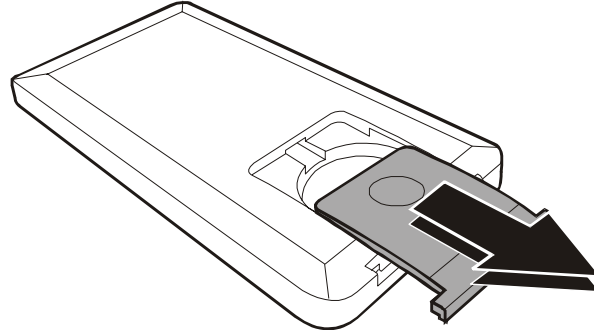
2. Insert the supplied battery with the positive side facing up.
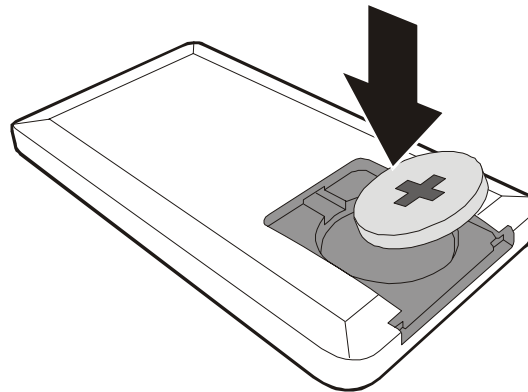
3. Replace the cover.
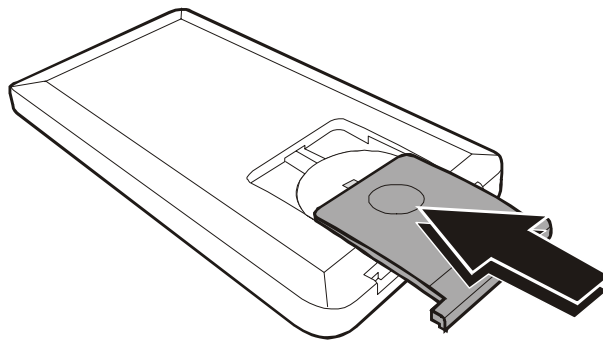
Caution:
1. Only use a 3V lithium battery (CR2025).

2. Dispose of used batteries according to local ordinance regulations.

3. Remove the batteries when not using the projector for prolonged periods.

Connecting Input Devices

A PC or notebook computer as well as video devices can be connected to the projector at the same time. Video devices include DVD, VCD, and VHS players, as well as movie camcorders and digital still cameras. Check the user manual of the connecting device to confirm it has the appropriate output connector.
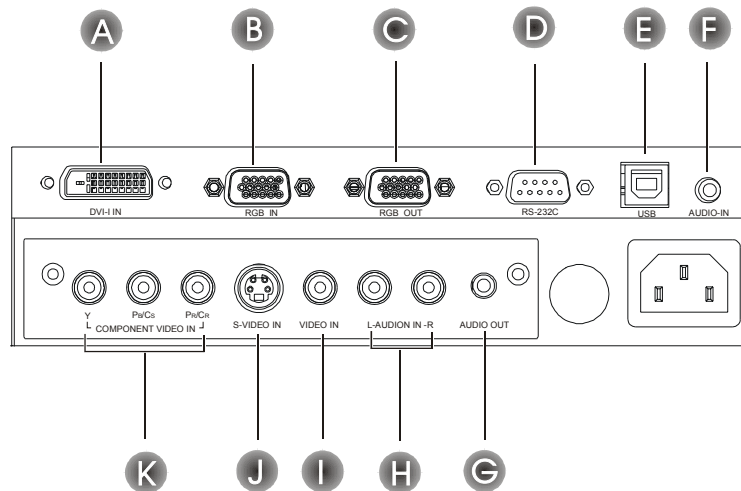
Item	Label	Description
A	DVI-I	Connect the supplied DVI cable from a computer.
B	RGB in	Connect a VGA cable (not supplied) from a computer.
C	RGB out	Connect a VGA cable (not supplied) to a monitor.
D	RS-232	Reserved for installation control and firmware upgrades.
E	USB	Connect the supplied USB cable (not supplied) from a computer.(For service use)
F	Audio-in	Connect an audio cable (not supplied) from the computer's audio-out connector.
G	Audio-out	Audio loop-thru
H	L-Audio in-R	Connect the audio cable (supplied) from an audio input device.
I	Video	Connect a composite video cable (supplied) from a video device.
J	S-video	Connect the supplied S-video cable from a video device.
K	Component video in	Connect a component video cable (not supplied) from a video device.

Warning:
As a safety precaution, disconnect all power to the projector and connecting devices before making connections.

Starting and Shutting down the Projector

1. Connect the power cord to the projector. Connect the other end to a wall outlet. (A)
Turn on the power switch. (B)
The Power LED and Lamp-ready LED turn on.
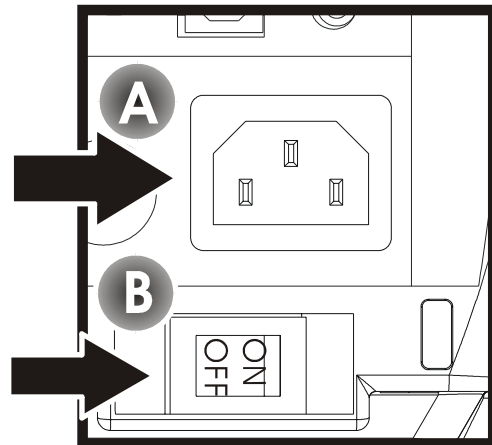
2. Remove the lens cover.

3. Turn on the connected devices.

4. Ensure the Lamp-ready LED is on a steady (not flashing) orange and then press the **Power** button to turn on the projector.

The projector splash screen displays and connected devices are detected. If the connected device is a PC, press the appropriate Fn hot keys on the computer keyboard to switch the display output to the projector. (Check the PC user manual to determine the appropriate Fn hot keys to change display output.)

Splash Screen
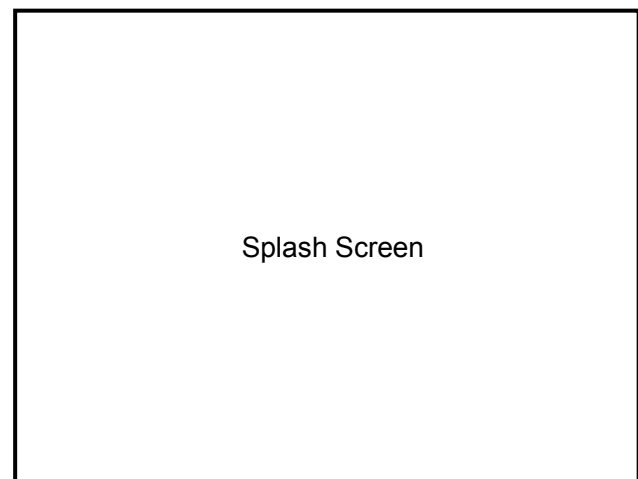
5. If more than one input device is connected, press the **Source** button repeatedly to switch among devices.

Analog RGB
800 x 600 / 60 Hz
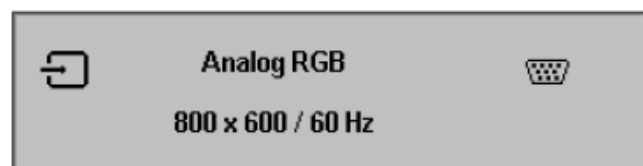
6. To turn off the projector, press the **Power** button. When the "Power Off?/Press Power again" message appears, press the **Power** button. The projector turns off.

Power Off?
Press Power again

Attention : Power off the projector normally and unplug the power cord before moving the projector

Adjusting the Projector Level

Take note of the following when setting up the projector:

- *The projector table or stand should be level and sturdy.*
- *Position the projector so that it is perpendicular to the screen.*
- *Be sure cables are not in the way or can cause the projector to be knocked over.*
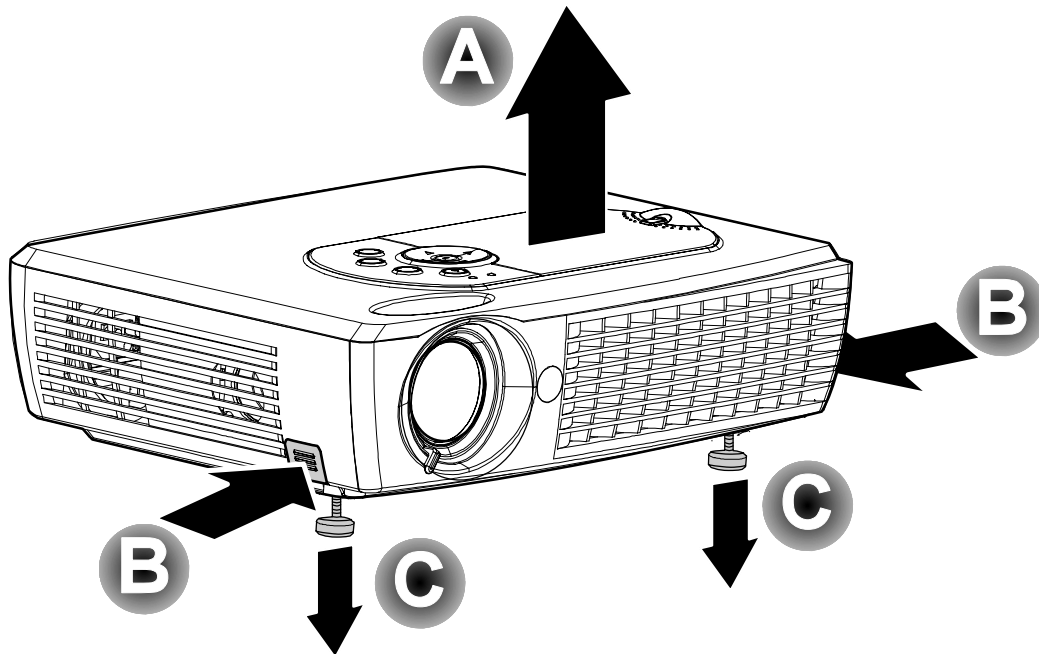
1. To raise the level of the projector, lift the projector **[A]** and press the height-adjuster buttons **[B]**.

The height-adjusters drop down **[C]**.

2. To lower the level of the projector, press the height-adjuster buttons and push down on the top of the projector.

Adjust the Zoom, Focus and Keystone

1. Use the **Image-zoom** control (on the projector only) to resize the projected image and screen size Ⓐ.

2. Use the **Image-focus** control (on the projector only) to sharpen the projected image Ⓑ

3. Use the **Keystone** buttons (on the projector or the remote control) to correct image-trapezoid (wider top or bottom) effect.
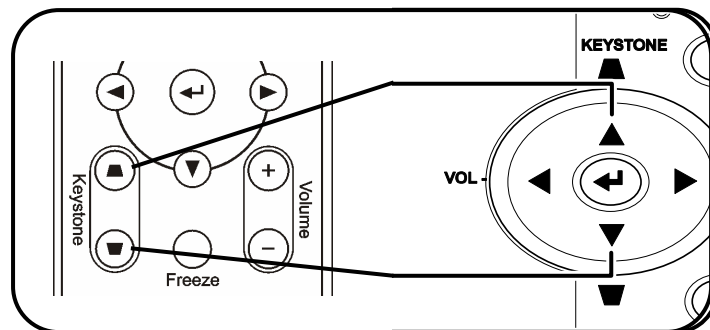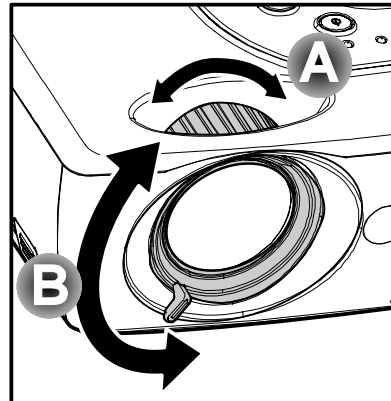
The keystone control appears on the display.
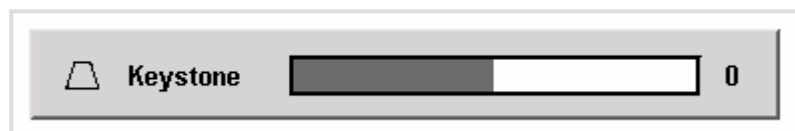
Adjusting the Volume

1. Press the **Volume +/-** buttons on the projector or the remote control. The volume control appears on the display.
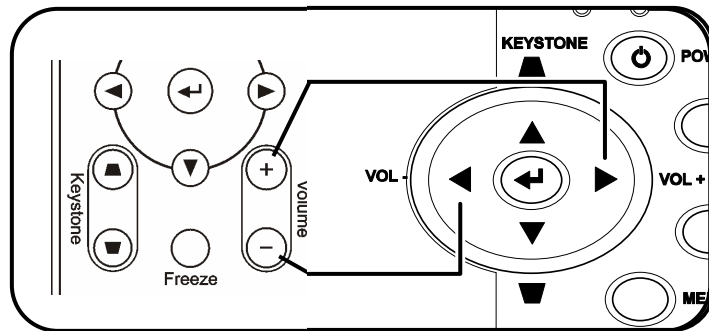
2. Use the **Volume +/-** buttons to adjust the level.

3. Press the **Mute** button (on the remote control only) to turn off the volume.

4. Press **Volume +/-** or **Mute** on the remote control to turn off mute.

ON-SCREEN DISPLAY MENU SETTINGS

On-Screen Display Menu Controls

The projector has an On-Screen Display (OSD) that lets you make image adjustments and change various settings.

Navigating the OSD

You can use the remote control or the buttons on the top of the projector to navigate and make changes to the OSD. The following illustration shows the corresponding buttons on the remote control and on the projector.
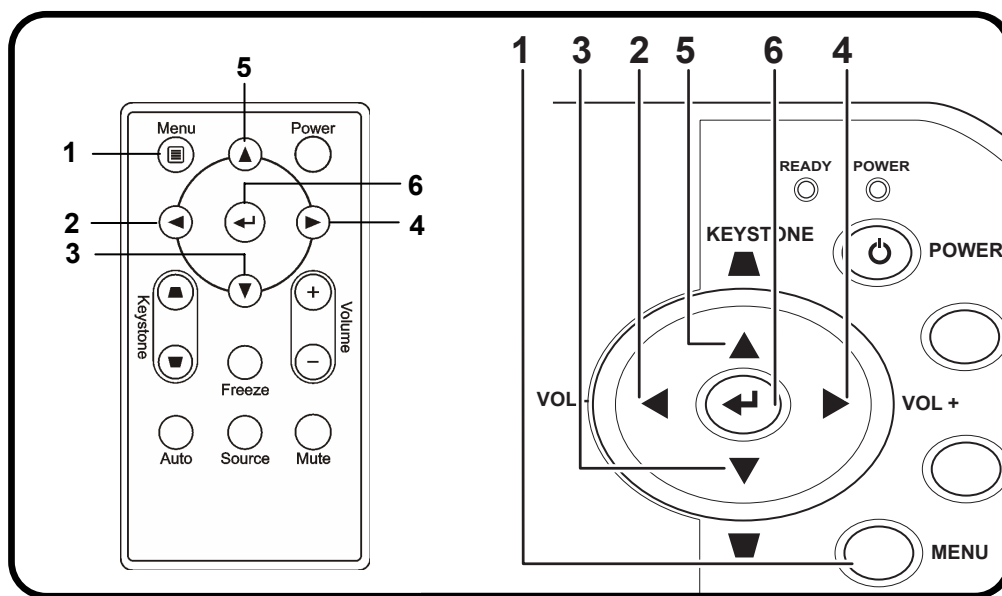
Setting the OSD Language

You may want to reference the OSD on your projector while reading this section. Set the OSD language to your preference before continuing. (The default language is English.)

1. Press the **Menu** button. The **Main** menu appears.
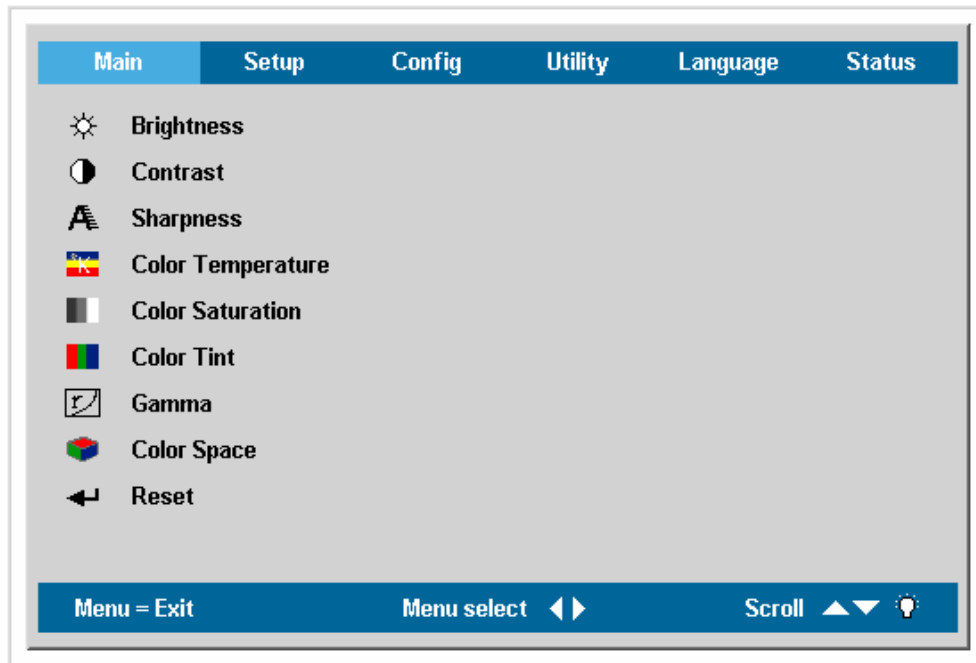
2. Press ◄ ► until **Language** is highlighted.
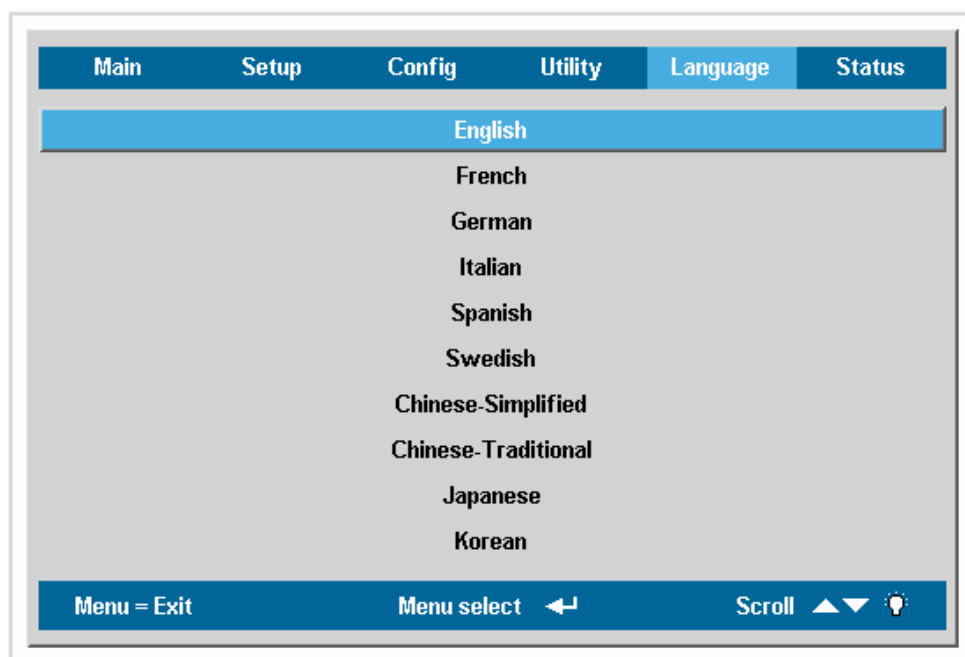
3. Press ▲▼ until the language you want is highlighted.
4. Press the **Enter** button to select the language.
5. Press the **Menu** button twice to close the OSD.

Main Menu

Press the **Menu** button to open the **OSD** menu. If necessary, press ◄ ► to move to the **Main** menu. Press ▲▼ to move up and down in the **Main** menu. Press ◄ ► to change values for settings, and then press **Enter** to confirm the new setting.

Main	Setup	Config	Utility	Language	Status

☼ Brightness
◐ Contrast
A Sharpness
▦ Color Temperature
▮ Color Saturation
▮ Color Tint
⊿ Gamma
🔴 Color Space
↵ Reset

Menu = Exit   Menu select ◄ ►   Scroll ▲▼ 💡

ITEM	DESCRIPTION	DEFAULT
Brightness	Press ◄ ►to adjust the brightness. (Range: 0—100)	50
Contrast	Press ◄ ► to adjust the contrast. (Range: 0—100)	50
Sharpness	Press ◄ ► to adjust the display sharpness (Range: 1-5)	3
Color Temperature	Press ◄ ► to adjust the video color temperature. (Range: Cool/Normal/Warm)	Normal
Color Saturation	Press ◄ ► to adjust the video saturation. (Range: 0—100)	50
Color Tint	Press ◄ ►to adjust the video tint/hue. (Range: 0—100)	50
Gamma	Press ◄ ► to adjust the gamma correction of the display. **Input** **Gamma** **Brightness** PC 2.2 High MAC 1.8 High Video 2.4 Low Chart 2.2 Low B&W 2.4 High	PC
Color Space	Press ◄ ► to adjust the color space. (Range: Auto—RGB—YpbPr—YCbCr)	Auto
Reset	Resets all **Main** items settings except Color Saturation to default values	-

Main Menu Items Supported for Each Input Source

Depending on the video source not all items in the OSD are available. Items that are available for each input source are marked with "X". Items that are not available can not be selected in the OSD.

Function	RGB	DVI	Component Video	Composite Video	S-Video
Brightness	X	X	X	X	X
Contrast	X	X	X	X	X
Sharpness	X	X	X	X	X
Color Temperature	X	X	X	X	X
Color Saturation			X	X	X
Color Tint			X	X	X
Gamma	X	X	X	X	X

Setup Menu

Press the **Menu** button to open the **OSD** menu. Press ◄ ► to move to the **Setup** menu. Press ▲▼ to move up and down in the **Setup** menu. Press ◄ ► to change values for settings, and then press **Enter** to confirm the new setting.

Main	Setup	Config	Utility	Language	Status

▢ Horizontal Position
▢ Vertical Position
△ Keystone
▭ Aspect Ratio
✦ Advance Feature
↵ Reset

Menu = Exit   Menu select ◄ ►   Scroll ▲ ▼ 🔆

ITEM	DESCRIPTION	DEFAULT
Horizontal Position	Press ◄ ► to move the image left or right. (Range: 0—100)	50
Vertical Position	Press ◄ ► to move the image up or down. (Range: 0—100)	50
Keystone	Press ◄ ► to correct distortion of the projected image. (Range: -50—50)	0
Aspect Ratio	Press ◄ ► to toggle between the 4:3 standard format and 16:9 High Definition TV (HDTV) format.	16:9
Advance Feature	The Advance feature enables you to adjust additional feature settings such as User Color, White Peaking and Logo Display.	
Reset	Resets Keystone and Aspect Ratio to default values	

Advance Feature

Press the **Menu** button to open the **OSD** menu. Press ◄ ► to move to the **Setup** menu. Press ▲▼ to move to the **Advance Feature,** press **Enter.** Press ▲▼ to move up and down in the **Advance Feature**. Press ◄ ► to change values for settings, and then press **Enter** to confirm the new setting.

ITEM	DESCRIPTION	DEFAULT
User Color	This feature adjusts the color balance in each color of RGB (Red, Green, Blue), and their neutral colors (cyan, magenta, yellow, white) by using Color correction adjustment. Increasing a color's setting heightens the intensity of that color on the screen, while a lower setting makes the color less intense. Press ▲▼ to select a color. Press ◄ ► to adjust the selected color. (Range: -50—50)	0
White Peaking	White Peaking increases the output in the brightest whites without changing the blacks and dark grays. It crushes the whites slightly, but it does not appear to clip them or seriously obscure white detail. If you prefer a stronger image, adjust toward the maximum setting. For a smoother, more natural image, adjust toward the minimum setting. Press ◄ ► to adjust the value of white peaking. (Range: 0—10) -	10
Logo Display	Press ◄ ► to enable or disable the logo displays when the projector starts, and when no source is detected. (Range: On—Off)	On
Reset	Resets all **White Peaking, Logo Display** settings to default values	

User Color

Press the **Menu** button to open the **OSD** menu. Press ◄ ►to move to the **Setup** menu. Press ▲▼ to move to the **Advance Feature,** press **Enter.** Press ▲▼ to move to the **User Color,** press **Enter**. Press ▲▼ to move up and down to select a color. Press ◄ ► to change values for settings, and then press **Enter** to confirm the new setting.

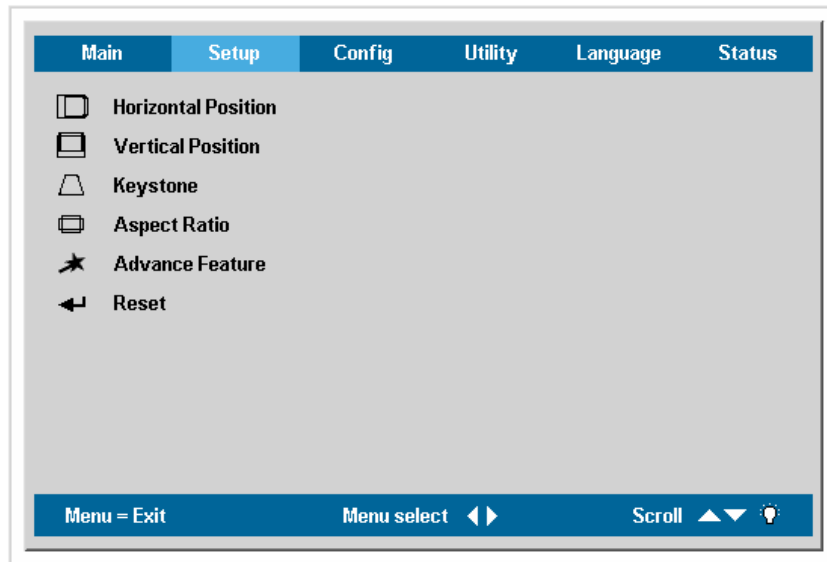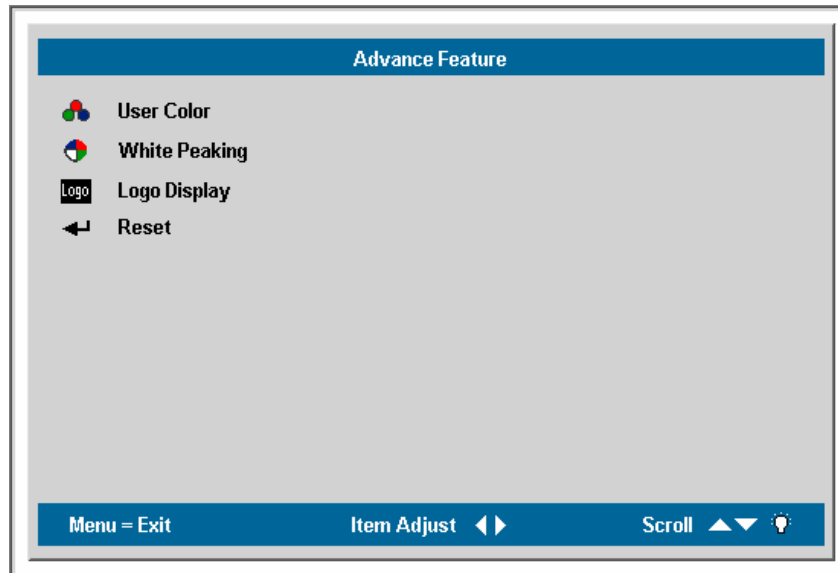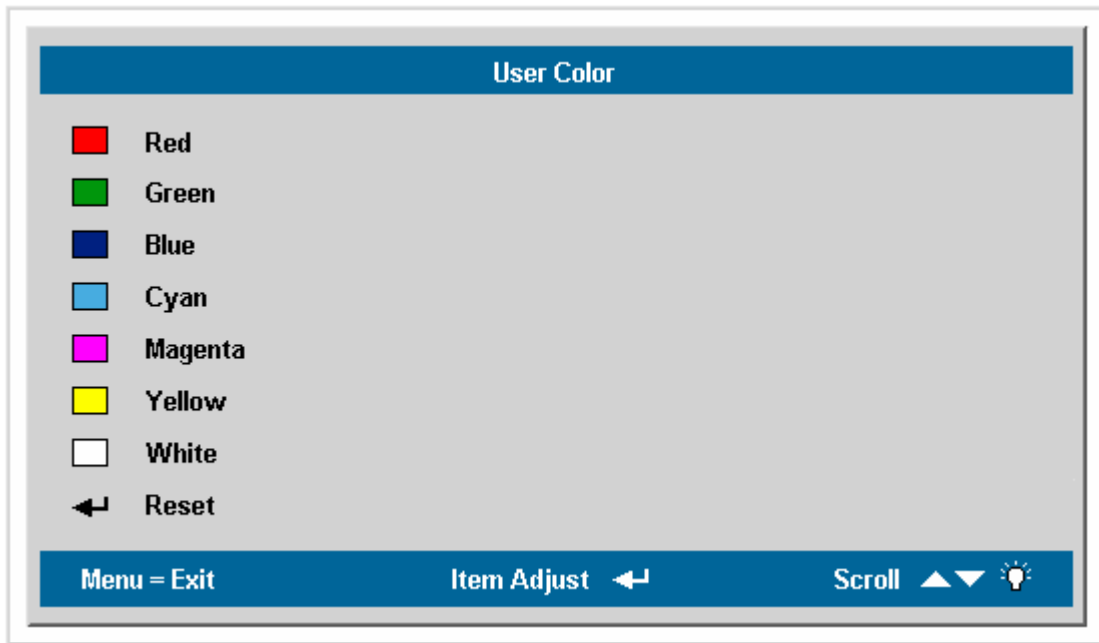| ITEM	DESCRIPTION	DEFAULT
Red	Press the cursor ◄ ► button to adjust the red color level (Range: -50—50)	0
Green	Press the cursor ◄ ► button to adjust the green color level (Range: -50—50)	0
Blue	Press the cursor ◄ ► button to adjust the blue color level (Range: -50—50)	0
Cyan	Press the cursor ◄ ► button to adjust the cyan color level (Range: -50—50)	0
Magenta	Press the cursor ◄ ► button to adjust the magenta color level (Range: -50—50)	0
Yellow	Press the cursor ◄ ► button to adjust the yellow color level (Range: -50—50)	0
White	Press the cursor ◄ ► button to adjust the white color level (Range: -50—50)	0
Reset	Resets all user color settings to default values.	

Setup Menu Items Supported for Each Input Source

Depending on the video source not all items in the OSD are available. Items that are available for each input source are marked with "X". Items that are not available can not be selected in the OSD.

Function	RGB	DVI	Component Video	Composite Video	S-Video
Horizontal Position	X				
Vertical Position	X				
Keystone	X	X	X	X	X

Config Menu

Press the **Menu** button to open the **OSD** menu. Press ◄ ► to move to the **Config** menu. Press ▲▼ to move up and down in the **Config** menu. Press ◄ ► to change values for settings, and then press **Enter** to confirm the new setting.

Main	Setup	Config	Utility	Language	Status

- Blank Screen
- Auto Source
- Auto Power Off
- Volume
- Menu Position
- Menu Display
- Translucent Menu
- Reset

Menu = Exit   Menu select ◄►   Scroll ▲▼
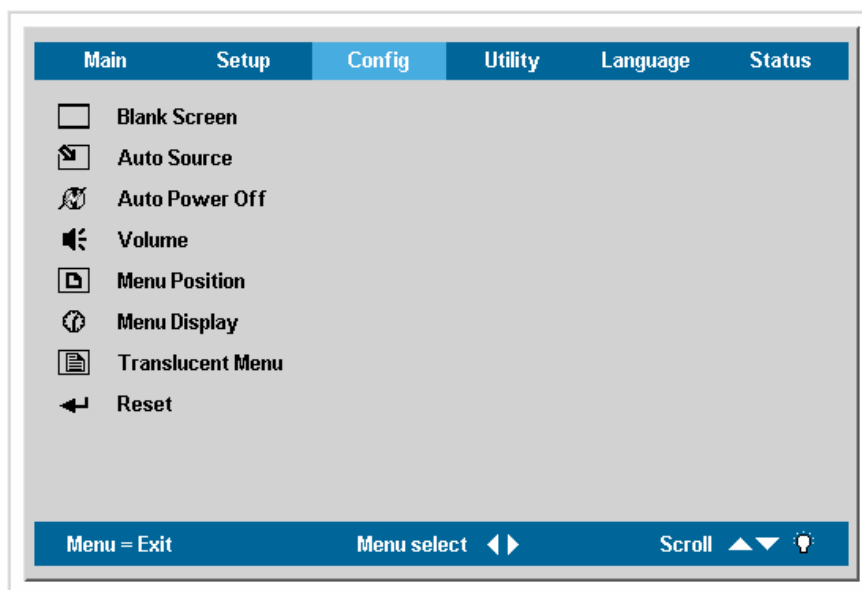
ITEM	DESCRIPTION	DEFAULT
Blank Screen	Press ◄ ► to select a background color for blank screen (Range: Black – Red—Green—Blue—White)	Blue
Auto Source	Press ◄ ► to enable or disable automatic source detection (Range: On—Off)	On
Auto Power Off	Press ◄ ► to enable or disable automatic shut-down of lamp after 10 minutes of inactivity (Range: On—Off)	Off
Volume	Press ◄ ► to adjust the audio volume level (Range: 0 - 10)	5
Menu Position	Press ◄ ► to position the OSD on screen (Range: Left—Right—Center—Down—Up)	Center
Menu Display	Press ◄ ► to determine the timeout delay of the OSD (Range: 10 - 20 sec.)	15
Translucent Menu	Press ▲▼ to set menu screen translucency (Range: 0—25%—50%—75%—100%)	0%
Reset	Resets all Config screen items to default values	

Utility Menu

Press the **Menu** button to open the **OSD** menu. Press ◄ ► to move to the **Utility** menu. Press ▲▼ to move up and down in the **Utility** menu. Press ◄ ► to change values for settings, and then press **Enter** to confirm the new setting.

ITEM	DESCRIPTION	DEFAULT
Video Type	Press ◄ ► to select the video standard. (Range: Auto—NTSC—PAL—SECAM)	Auto
Video AGC	Press ◄ ► to enable or disable automatic gain control for the video source. (Range: On—Off)	On
Projection	Press ◄ ► to choose from four projection methods: **P** Desktop mount, front of screen **q** Desktop mount, rear of screen **d** Ceiling mount, front of screen **b** Ceiling mount, rear of screen	Desktop front **P**
Frequency	Press ◄ ► to adjust the A/D sampling clock. (Range: 0—100)	Auto detected
Tracking	Press ◄ ► to adjust the A/D sampling number. (Range: 0—100)	Auto detected
Reset	Resets Video Type, Video AGC, and Projection to default values	

Language Menu

Press the **Menu** button to open the **OSD** menu. Press ◄ ► to move to the **Language** menu. Press ▲▼ to move up and down in the **Language** menu.

Main	Setup	Config	Utility	Language	Status

English
French
German
Italian
Spanish
Swedish
Chinese-Simplified
Chinese-Traditional
Japanese
Korean

Menu = Exit   Menu select ◄┘   Scroll ▲▼ ☀

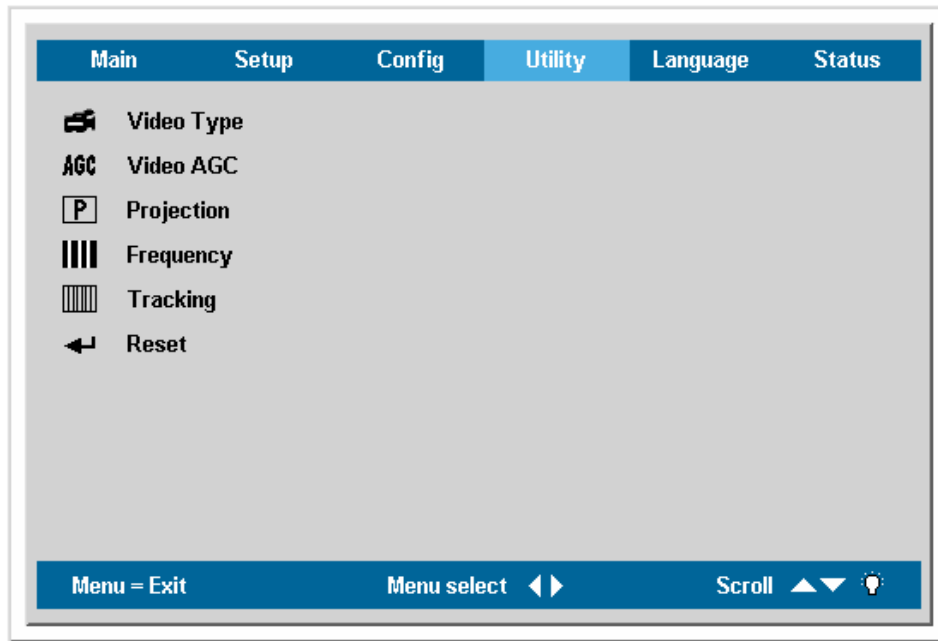| ITEM	DESCRIPTION	DEFAULT
English		
French		
German		
Italian	Press the cursor ▲▼ button to move up and down in the menu.	English
Spanish		
Swedish		
Chinese Simplified	Press the **Enter** button to select the language.	
Chinese Traditional		
Japanese		
Korean		

Status Menu
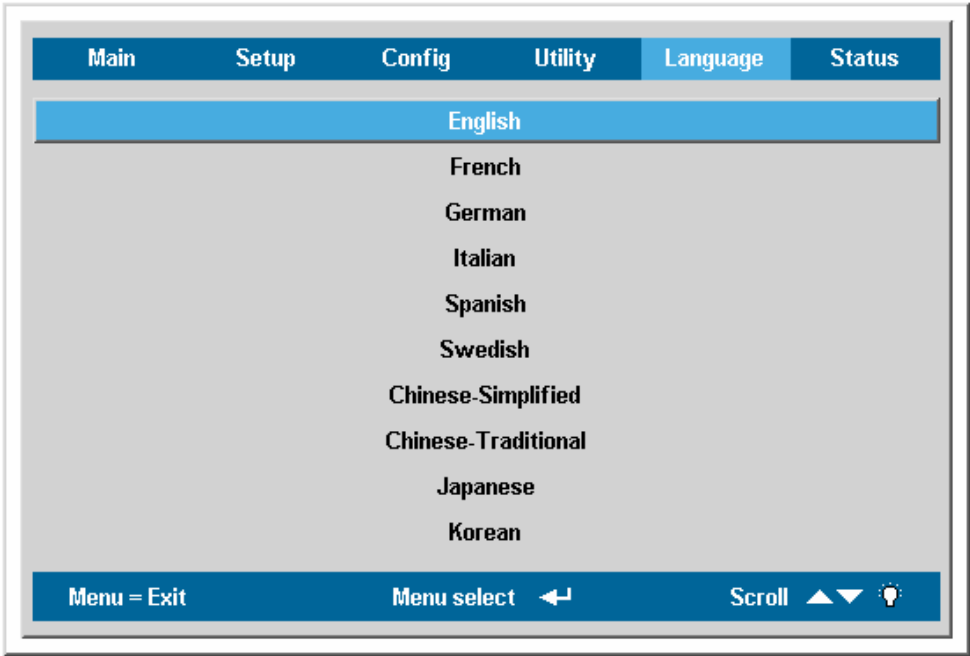
Press the **Menu** button to open the **OSD** menu. Press ◄ ► to move to the **Status** menu. Press ▲▼ to move up and down in the **Status** menu. Press ◄ ► to change values for settings, and then press **Enter** to confirm the new setting.

Main	Setup	Config	Utility	Language	**Status**
i Video Information		800 x 600 @ 60 Hz			
Active Source		Analog RGB			
V Software Version		08A00Z3N			
Lamp Hours		0 0 0			
Lamp Mode		**Eco** **Normal**			
Lamp Hour Reset					

Menu = Exit   Item Adjust ◄ ►   Scroll ▲▼
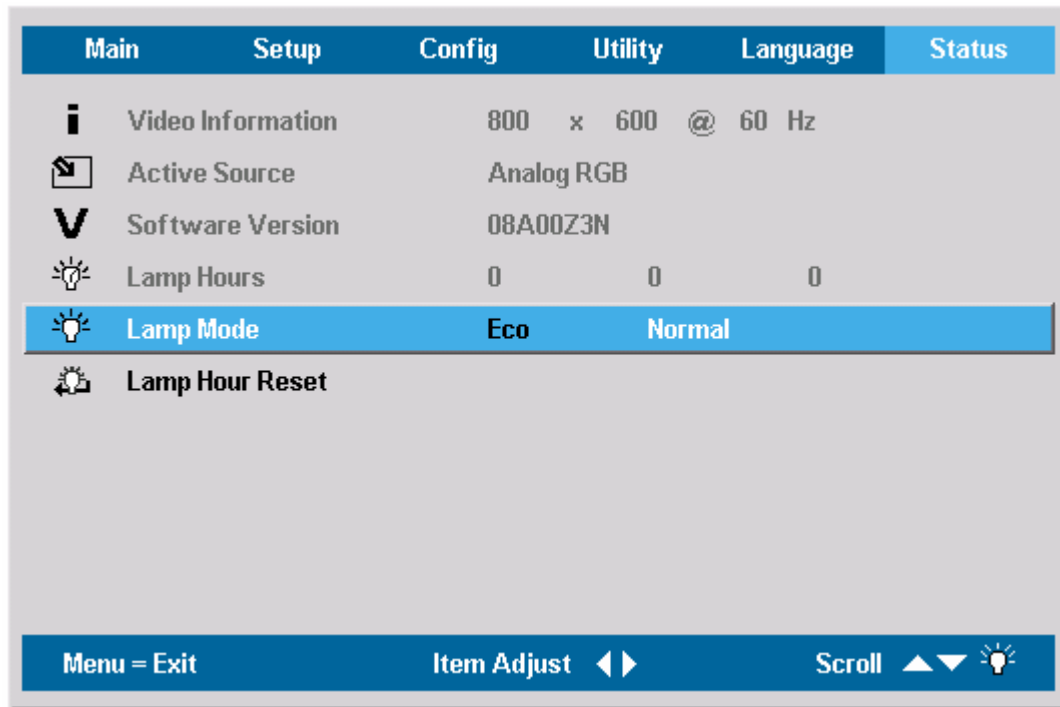
ITEM	DESCRIPTION	DEFAULT
Video Information	Displays the resolution and refresh rate of the connected video device.	These items are display only.
Active Source	Displays the active source.	
Software Version	Information about the firmware version.	
Lamp Hours	Number of hours lamp has been in Normal use and number of hours lamp has been in Eco use.	
Lamp Mode	Choose among ECO and Normal lamp modes. ECO mode uses less power and extends lamp life, but decreases lamp brightness.	Normal
Lamp Hour Reset	After replacing the lamp, this item should be reset. Refer to "Replacing the Projection Lamp" on page 29.	—

MAINTENANCE AND SECURITY

Replacing the Projection Lamp

The projection lamp should be replaced when it burns out. It should only be replaced with a certified replacement part, which you can order from your local dealer.

> *Important:*
> *1. The lamp contains a certain amount of mercury and should be disposed of according to local or-dinance regulations.*
>
> *2. Avoid touching the glass surface of the new lamp: Doing so may shorten its operation life.*
>
> *Warning:*
> *1. Be sure to turn off and unplug the projector at least an hour before replacing the lamp. Failure to do so could result in a severe burn.*
>
> *2. It is recommended that you do not attempt to replace the lamp while the projector is installed on a ceiling. If you do attempt this, wear protective goggles to prevent glass from a ruptured lamp get-ting into your eyes.*

1. Lift the screw cover (**A).**
Remove the screw on the lamp com-partment cover (**B**) and then lift the lamp compartment cover (**C**).
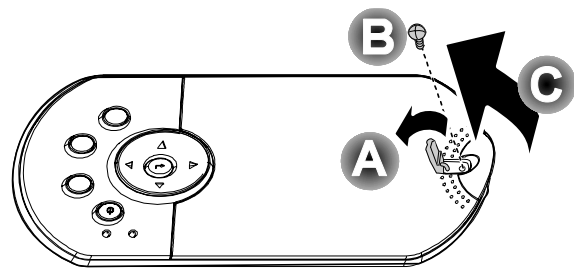
2. Remove the two screws from the lamp module (**A**) and then lift the module handle up (**B**).
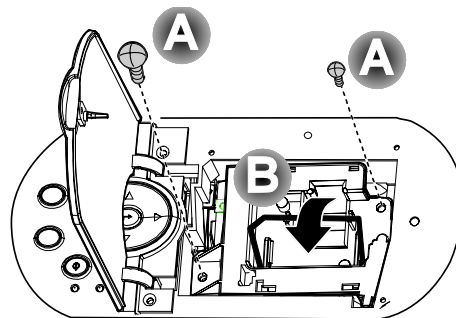
3. Pull up firmly to remove the lamp module.

4. Reverse Steps 1 to 4 to install the new lamp module.
Note: The lamp module should be ori-ented as shown here when replacing.

ViewSonic Cine1000
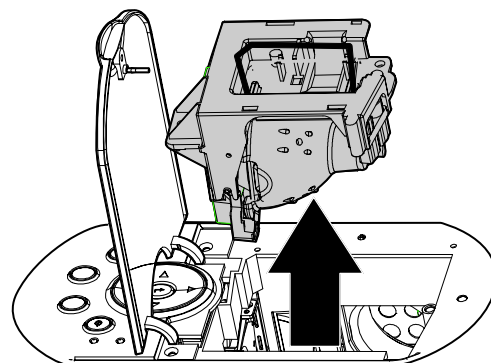
Resetting the Lamp

After replacing the lamp, reset the lamp hour counter to zero. Refer to the following:

1. Press the **Menu** button to open the Main menu.

Main	Setup	Config	Utility	Language	Status
i Video Information		800 x 600 @ 60 Hz			
Active Source		Analog RGB			
V Software Version		08A00Z3N			
Lamp Hours		0	0	0	
Lamp Mode		**Eco**	**Normal**		
Lamp Hour Reset					

Menu = Exit   Item Adjust ◀ ▶   Scroll ▲ ▼

2. Press the cursor ◀ ▶ button to move to the **Status** menu.

3. Press the cursor ▲▼ button to move to **Lamp Hour Reset**.

4. Press the **Enter** button. A message screen appears.

Lamp Hour Reset

Please See User Manual ...

Menu = Exit

5. Press the cursor buttons in this order: ▼; ▲; ◀; ▶.
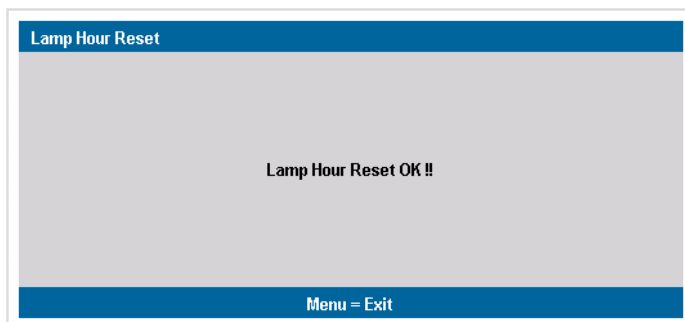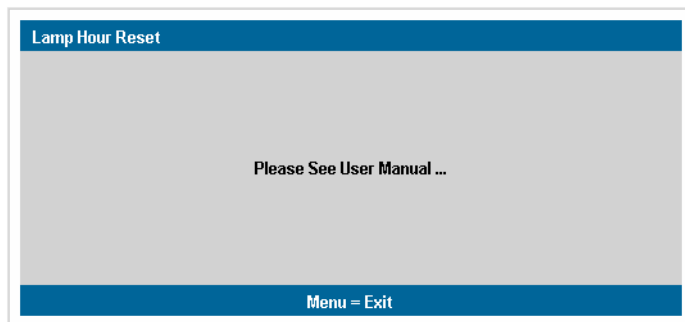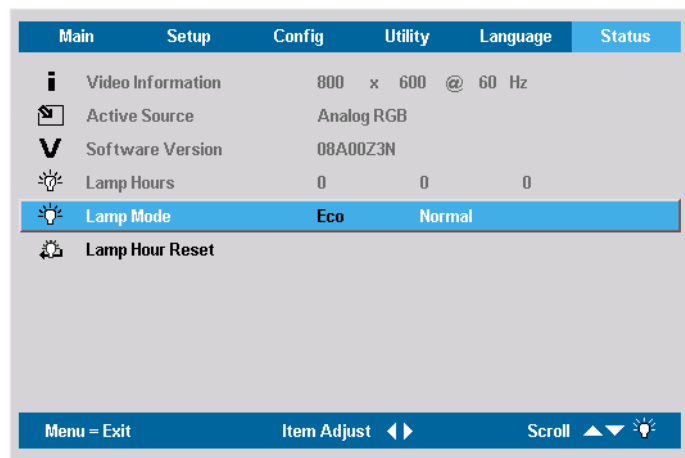
The "Lamp Hour Reset OK !!" message appears. Then the **Status** menu appears again showing the **Lamp Hours** reset to zero.

Lamp Hour Reset

Lamp Hour Reset OK !!

Menu = Exit

Cleaning the Projector

Cleaning the projector to remove dust and grime will help ensure trouble-free operation.

> *Warning:*
> *1. Be sure to turn off and unplug the projector at least an hour before cleaning. Failure to do so could result in a severe burn.*
>
> *2. Use only a dampened cloth when cleaning. Do not allow water to enter the ventilation openings on the projector.*
>
> *3. If a little water gets into the projector interior while cleaning, leave unplugged in a well-ventilated room for several hours before using.*
>
> *4. If a lot of water gets into the projector interior when cleaning, have the projector serviced.*

Cleaning the Lens

You can purchase optic lens cleaner from most camera stores. Refer to the following to clean the projector lens.

1. Apply a little optic lens cleaner to a clean soft cloth. (Do not apply the cleaner directly to the lens.)
2. Lightly wipe the lens in a circular motion.

> *Caution:*
> *1. Do not use abrasive cleaners or solvents.*
>
> *2. To prevent discoloration or fading, avoid getting cleaner on the projector case.*

Cleaning the Case

Refer to the following to clean the projector case.

1. Wipe off dust with a clean dampened cloth.

2. Moisten the cloth with warm water and mild detergent (such as used to wash dishes), and wipe the case.

3. Rinse all detergent from the cloth and wipe the projector again.

Caution:
To prevent discoloration or fading of the case, do not use abrasive alcohol-based cleaners.

Using the Kensington Lock

If you are concerned about security, attach the projector to a permanent object with the Kensington slot and a security cable.
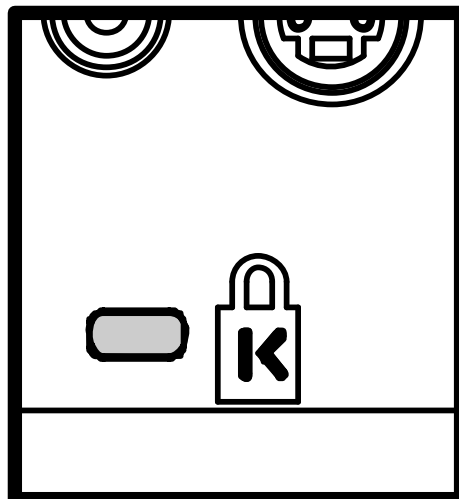
Note:
Contact your vendor for details on purchasing a suitable Kensington security cable.

TROUBLESHOOTING

Common problems and solutions

These guidelines provide tips to deal with problems you may encounter while using the projector. If the problem remains unsolved, contact your dealer for assistance.

Often after time spent troubleshooting, the problem is traced to something as simple as a loose connection. Check the following before proceeding to the problem-specific solutions.

- *Use some other electrical device to confirm that the electrical outlet is working.*

- *Ensure the projector is turned on.*

- *Ensure all connections are securely attached.*

- *Ensure the attached device is turned on.*

- *Ensure a connected PC is not in suspend mode.*

- *Ensure a connected notebook computer is configured for an external display. (This is usually done by pressing an Fn-key combination on the notebook.)*

Tips for Troubleshooting

In each problem-specific section, try the steps in the order suggested. This may help you to solve the problem more quickly.

Try to pin point the problem and thus avoid replacing non-defective parts.
For example, if you replace batteries and the problem remains, put the original batteries back and go to the next step.

Keep a record of the steps you take when troubleshooting: The information may be useful when calling for technical support or for passing on to service personnel.

LED Error Messages

LED	STATUS/ NUMBER OF FLASHES	DESCRIPTION	REMEDY
Power	Flashing	Lamp not ready	Do not press the power button.
	3	System overheated	Allow the projector to cool down.
	4	System interface error	Contact your dealer for assistance.
	5	Lamp error	Replace the lamp module.
	6	Fan error	Refer to **Ready** LED status in this table to determine which fan.
	7	Lamp cover open	Close the lamp cover.
	8	DLP driver error	Contact your dealer for assistance.
	9	Color wheel error	
Ready	Flashing	Valid only when fan error indicated by **Power** LED flashing 6 times.	
	1	Blower fan	Contact your dealer for assistance.
	2	Optical fan	
	3	Lamp fan, power fan, ballast fan, intermittent fan	

Image Problems

Problem: No image appears on the screen

1. Verify the settings on your notebook or desktop PC.
2. Turn off all equipment and power up again in the correct order.

Problem: The image is blurred

1. Adjust the **Focus** on the projector.
2. Press the **Auto** button on the remote control or projector.
3. Ensure the projector-to-screen distance is within the 8-meter (26-feet) specified range.
4. Check that the projector lens is clean.
5. Make sure the output resolution from the PC is near to 854*480(480P), the native resolution of the projector.

Problem: The image is wider at the top or bottom (trapezoid effect)

1. Position the projector so it is as perpendicular to the screen as possible.
2. Use the Keystone button on the remote control or projector to correct the problem.

Problem: The image is reversed or upside down

1. Check the **Projection** setting on the **Utility** menu of the OSD.

Problem: The image is streaked

1. Set the **Frequency** and **Tracking** settings on the **Utility** menu of the OSD to the default settings.
2. To ensure the problem is not caused by a connected PC's video card, connect to another computer.

Problem: The image is flat with no contrast

1. Adjust the **Contrast** setting on the **Main** menu of the OSD.

Problem: The color of the projected image does not match the source image.

1. Adjust the **Color Temperature** and **Gamma** settings on the **Main** menu of the OSD.

Lamp Problems

Problem: There is no light from the projector

1. Check that the power cable is securely connected.
2. Ensure the power source is good by testing with another electrical device.
3. Restart the projector in the correct order and check that the Power LED is green.
4. If you have replaced the lamp recently, try resetting the lamp connections.
5. Replace the lamp module.
6. Put the old lamp back in the projector and have the projector serviced.

Problem: The lamp goes off

1. Power surges can cause the lamp to turn off. Press the power button twice to turn off the projector. When the Lamp Ready LED is on, press the power button.
2. Replace the lamp module.
3. Put the old lamp back in the projector and have the projector serviced.

Remote Control Problems

Problem: The projector does not respond to the remote control

1. Direct the remote control towards the remote sensor on the projector.
2. Ensure the path between remote and sensor is not obstructed.
3. Turn off any fluorescent lights in the room.
4. Check the battery polarity of the remote control.
5. Replace the batteries.
6. Turn off other Infrared-enabled devices in the vicinity.
7. Have the remote control serviced.

Audio Problems

Problem: There is no sound

1. Adjust the projector volume.
2. Adjust the volume of the audio source.
3. Check the audio cable connection.
4. Test the source audio output with other speakers.
5. Have the projector serviced.

Problem: The sound is distorted

1. Check the audio cable connection.
2. Test the source audio output with other speakers.
3. Have the projector serviced.

Having the Projector Serviced

If you are unable to solve the problem, you should have the projector serviced. Pack the projector in the original carton. Include a description of the problem and a checklist of the steps you took when trying to fix the problem. The information may be useful to the service personnel. Return the projector to the place you purchased it.

SPECIFICATIONS

Specifications

	480P
Power consumption	275W Max.
Lamp	200W (ECO mode 180W)
Display type	TI DMD 0.55-inch, 12 deg. DDR
Resolution	480P(854x480)native
Bandwidth	Up to SXGA 1280x 1024 @ 60 Hz
Color	16.7 Million (24-bits/pixel)
Weight	3.55 kg (7.8 lbs)
Projection distance	1.5 to 8 meter (4.9 to 26 feet)
Projection screen size	0.91 to 5.9 meter (35.8inches to 232 inches)
Projection lens	Manual zoom and focus
Zoom ratio	1.216:1
Vertical keystone correction	+ / - 15
Projection methods	Desktop front/rear; ceiling front/rear
Data Compatibility	IBM PC or compatibles (VGA, SVGA), Mac
HDTV	Video
Video compatibility	NTSC/NTSC 4.43, PAL (B/G/H/I/M/N 60), SECAM
H-Sync	15,31 - 70 kHz
V-Sync	50 - 85 Hz
Safety certification	FCC Class B, UL, CUL, CE, TUV-GS, PCT, CCC, UL_AR, NOM
Operation temperature	10° ~ 35°
Dimensions	32.8 x 23.8 x 8.8 cm (12.9 x 9.4 x 3.5 inches)
Standby	< 10 watts
Noise	35dB typical
Audio speaker	2W mono speaker
Uniformity	80 %
Lens cover (Diameter)	61.2 mm

Input/output connectors

PC	DVI-I
	RGB in
	RGB out
	USB
Video	Composite video (RCAx1)
	S-Video (Mini-DIN)
	Component video Y,Pb/Cb,Pr/Cr (RCAx3)
Audio	Mini-jack in
	Mini-jack out
	Right and left in (RCAx2)
Service/upgrades	RS-232
Security	Kensington slot

Projection Distance versus Projection Size
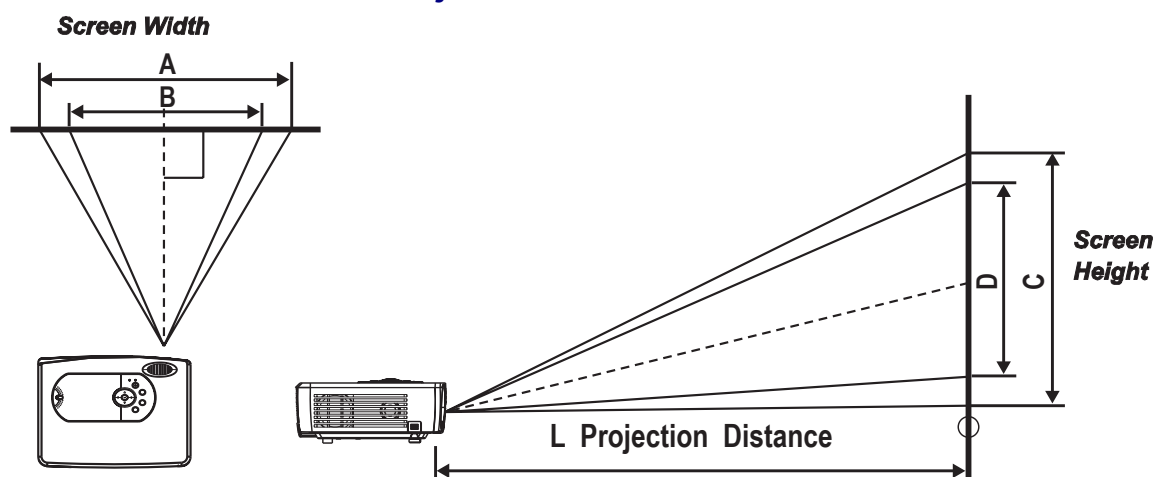
| Projection Distance	Max. Screen Size			Min. Screen Size		
	Diagonal	Width	Height	Diagonal	Width	Height
L		A	C		B	D
1.5m	1.1m	0.95m	0.535m	0.89m	0.77m	0.43m
4.92'	43.5"	37.5"	21.1"	35.8"	30.5"	17.1"
2m	1.47m	1.28m	0.72m	1.2m	1.04m	0.58m
6.56'	58"	50.5"	28.43"	47.7"	41"	23"
2.4m	1.75m	1.527m	0.86m	1.45m	1.26m	0.71m
7.87'	69.6"	60"	33.8"	57.2"	49.85"	28"
2.8m	2.05m	1.79m	1m	1.69m	1.47m	0.83m
9.18'	81.2"	70.6"	39.7"	66.78"	58"	32.7"
3.2m	2.33m	20.3m	1.15m	1.93m	1.68m	0.95m
10.5'	92.8"	80.18"	45.1"	76.32"	66.5"	37.4"
3.6m	2.64m	2.3m	1.3m	2.16m	1.88m	1.05m
11.81'	104.4"	90.6"	51"	85.8"	74"	41.6"
4m	2.94m	2.56m	1.44m	2.4m	2.10m	1.18m
13.12'	116"	101"	56.8"	95.4"	82.8"	46.6"
4.4m	3.22m	2.81m	1.58m	2.667m	2.32m	1.31m
14.43'	127.6"	110.7"	62.2"	105"	91.5"	51.5"
4.8m	3.53m	3.07m	1.73m	2.9m	2.52m	1.42m
15.74'	139.2"	121"	68"	114.5"	99"	55.9"
5.2m	3.81m	3.32m	1.87m	3.13m	2.72m	1.53m
17.06'	150.8"	130.74"	73.5"	123..2"	107"	60.4"
5.6m	4.11m	3.58m	2.02m	3.39m	2.95m	1.66m
18.37'	162.4"	141.2"	79.4"	133.56"	116"	65.5"
6m	4.42m	3.85m	2.16m	3.63m	3.16m	1.78m
19.68'	174"	151.66"	85.3"	143.1"	124.6"	70.1"
8m	5.8m	5.09m	2.86m	5.00m	4.35m	2.45m
26.24'	232"	200"	112.7"	196.72"	171.4"	96.4"

Timing Mode Table

The native resolution is 800 x 600 for the SVGA series and 1024 x 768 for the XGA series. Resolution other than native mode may display with uneven size of text or lines.

The following table shows the supported timing modes.

Signal	Resolution	Frequency H. (KHz)	Frequency V. (Hz)	Video	Digital	Analog
NTSC	--	15.734	60.0	O	--	--
PAL / SECAM	--	15.625	50.0	O	--	--
VESA	640 x 350	37.9	85.1	--	O	O
	720 x 400	31.5	70.0	--	O	O
	720 x 400	37.9	85.0	--	O	O
	640 x 480	31.5	60.0	--	O	O
	640 x 480	37.9	72.8	--	O	O
	640 x 480	37.5	75.0	--	O	O
	640 x 480	43.3	85.0	--	O	O
	800 x 600	37.9	60.3	--	O	O
	800 x 600	46.9	75.0	--	O	O
	800 x 600	48.1	72.2	--	O	O
	800 x 600	53.7	85.1	--	O	O
	1024 x 768	48.4	60.0	--	O	O
	1024 x 768	56.5	70.1	--	O	O
	1024 x 768	60.0	75.0	--	O	O
	1024 x 768	68.7	85.0	--	O	O
	1280 x 1024	64.0	60.0	--	O	O
Apple Macintosh	640 x 480	35.0	66.7	--	O	O
	832 x 624	49.7	74.5	--	O	O
	1024 x 768	60.2	74.9	--	O	O
	1152 x 870	68.7	75.1	--	O	O
HDTV	1920 x 1080	33.8	60.0	O	--	--
	1920 x 1080	28.1	50.0	O	--	--
	1280 x 720	45.0	60.0	O	--	--
SDTV	720 x 576	31.3	50.0	O	--	--
	720 x 480	31.5	60.0	O	--	--

O   Frequency supported

--   Frequency not supported

⬛   For XGA series only

Dimensions

32.8 cm (12.9 inches)

8.8 cm (3.5 inches)

23.8 cm (9.4 inches)
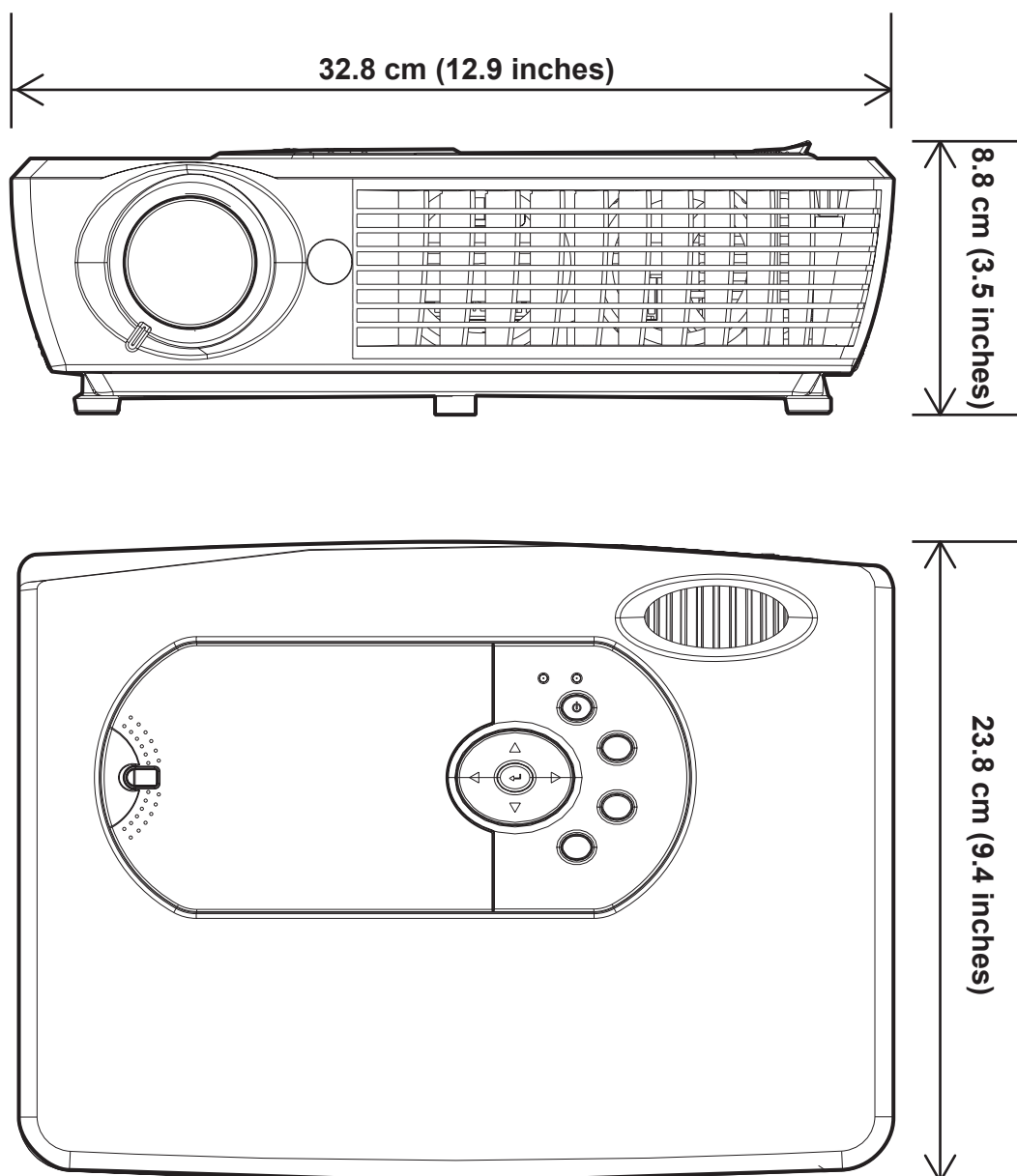
Customer Support

For technical support or product service, see the table below or contact your reseller.

NOTE: You will need the product serial number.

Country/Region	Web site	T = Telephone F = FAX	Email
United States	www.viewsonic.com/support/	T= (800) 688-6688 F= (909) 468 1202	service.us@ viewsonic.com
Canada	www.viewsonic.com/support/	T= (866) 463 4775	service.ca@ viewsonic.com
United Kingdom	www.viewsoniceurope.com/uk	T= 0207 949 0307	service.eu@ viewsoniceurope.com
Europe/Middle East/Baltic countries/North Africa	www.viewsoniceurope.com	Contact your reseller	service.eu@ viewsoniceurope.com
Australia and New Zealand	www.viewsonic.com.au/support/	AUS= 1800 880 818 NZ= 0800 008 822	service@au. viewsonic.com
Singapore/ Malaysia/Thailand	www.viewsonic.com.sg/support/	T= (65) 6273 4018 F= (65) 6273 1566	service@sg. viewsonic.com
South Africa/ Other countries	www.viewsonic.com	T= +886 (2) 2246-3456 F= +886 (2) 2249-1751	service@sd. viewsonic.com
Hong Kong	www.hk.viewsonic.com/	T= +852 3102 2900	service@hk. viewsonic.com
Macau		T= +853 700 303	
Korea	www.viewsonic.com	Toll Free= 080 2659 080	service@kr. viewsonic.com

Limited Warranty
ViewSonic® Projector

What the warranty covers:

ViewSonic warrants its products to be free from defects in material and workmanship during the warranty period. If a product proves to be defective in material or workmanship during the warranty period, ViewSonic will at its sole option repair or replace the product with a like product. Replacement product or parts may include remanufactured or refurbished parts or components.

How long the warranty is effective:

North and South America: 3 years warranty for all parts excluding the lamp, 3 years for labor, and 90 days for the original lamp from the date of the first consumer purchase. Europe except Poland: 3 years warranty for all parts excluding the lamp, 3 years for labor, and 90 days for the original lamp from the date of the first consumer purchase. Poland: 2 years warranty for all parts excluding the lamp, 2 years for labor, and 90 days for the original lamp from the date of the first consumer purchase. Other regions or countries: Please check with your local dealer or local ViewSonic office for the warranty information.

Lamp warranty subject to terms and conditions, verification and approval. Applies to manufacturer's installed lamp only. All accessory lamps purchased separately are warranted for 90 days.

Who the warranty protects:

This warranty is valid only for the first consumer purchaser.

What the warranty does not cover:

1. Any product on which the serial number has been defaced, modified or removed.
2. Damage, deterioration or malfunction resulting from:
    a. Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
    b. Repair or attempted repair by anyone not authorized by ViewSonic.
    c. Any damage of the product due to shipment.
    d. Removal or installation of the product.
    e. Causes external to the product, such as electric power fluctuations or failure.
    f. Use of supplies or parts not meeting ViewSonic's specifications.
    g. Normal wear and tear.
    h. Any other cause which does not relate to a product defect.
3. Any product exhibiting a condition commonly known as "image built-in" which results when a static image is displayed on the product for an extended period of time.
4. Removal, installation, and set-up service charges.

How to get service:

1. For information about receiving service under warranty, contact ViewSonic Customer Support. You will need to provide your product's serial number.
2. To obtain warranted service, you will be required to provide (a) the original dated sales slip, (b) your name, (c) your address, (d) a description of the problem, and (e) the serial number of the product.
3. Take or ship the product freight prepaid in the original container to an authorized ViewSonic service center or ViewSonic.
4. For additional information or the name of the nearest ViewSonic service center, contact ViewSonic.

Limitation of implied warranties:

There are no warranties, express or implied, which extend beyond the description contained herein including the implied warranty of merchantability and fitness for a particular purpose.

Exclusion of damages:

ViewSonic's liability is limited to the cost of repair or replacement of the product. ViewSonic shall not be liable for:

1. Damage to other property caused by any defects in the product, damaged based upon inconvenience, loss of use of the product, loss of time, loss of profits, loss of business opportunity, loss of goodwill, interference with business relationships, or other commercil loss, even if advised of the possibility of such damages.
2. Any other damages, whether incidental, consequential or otherwise.
3. Any claim against the customer by other party.

Effect of state law:

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on implied warranties and/or do not allow the exclusion of incidental or consequential damages, so the above limitations and exclusions may not apply to you.

Sales outside the U.S.A. and Canada:

For warranty information and service on ViewSonic products sold outside of the U.S.A. and Canada, contact ViewSonic or your local ViewSonic dealer.