



Disclaimer

This user manual is provided as a free service by FixYourDLP.com. FixYourDLP is in no way responsible for the content of this manual, nor do we guarantee its accuracy. FixYourDLP does not make any claim of copyright and all copyrights remain the property of their respective owners.

About FixYourDLP.com

FixYourDLP.com (<http://www.fixyourdpl.com>) is the World's #1 resource for media product news, reviews, do-it-yourself guides, and manuals.

Informational Blog: <http://www.fixyourdpl.com>

Video Guides: <http://www.fixyourdpl.com/guides>

User Forums: <http://www.fixyourdpl.com/forum>

FixYourDLP's Fight Against Counterfeit Lamps:

<http://www.fixyourdpl.com/counterfeits>

Sponsors:

RecycleYourLamp.org – Free lamp recycling services for used lamps:

<http://www.recycleyourlamp.org>

Lamp Research - The trusted 3rd party lamp research company:

<http://www.lampresearch.com>

Discount-Merchant.com – The worlds largest lamp distributor:

<http://www.discount-merchant.com>



FixYourDLP.com

Sponsored by 

EIKI

DLP® PROJECTOR

MODEL

EIP-2600

EIP-250



EIP-2600



Discount-Merchant.com (800) 281-8860

THE TRUSTED SOURCE FOR PROJECTOR LAMPS AND ACCESSORIES

OWNER'S MANUAL

EIKI INDUSTRIAL CO., LTD.



IMPORTANT

- For your assistance in reporting the loss or theft of your Projector, please record the Model and Serial Number located on the bottom of the projector and retain this information.
- Before recycling the packaging, please ensure that you have checked the contents of the carton thoroughly against the list of "Supplied accessories" on page 10.

Model No.:

Serial No.:

SPECIAL NOTE FOR USERS IN THE U.K.

The mains lead of this product is fitted with a non-rewireable (moulded) plug incorporating a 10A fuse. Should the fuse need to be replaced, a BSI or ASTA approved BS 1362 fuse marked  or  and of the same rating as above, which is also indicated on the pin face of the plug, must be used. Always refit the fuse cover after replacing the fuse. Never use the plug without the fuse cover fitted. In the unlikely event of the socket outlet in your home not being compatible with the plug supplied, cut off the mains plug and fit an appropriate type.

DANGER:

The fuse from the cut-off plug should be removed and the cut-off plug destroyed immediately and disposed of in a safe manner.

Under no circumstances should the cut-off plug be inserted elsewhere into a 13A socket outlet, as a serious electric shock may occur.

To fit an appropriate plug to the mains lead, follow the instructions below:

WARNING:


THIS APPARATUS MUST BE EARTHED.

IMPORTANT:

The wires in this mains lead are coloured in accordance with the following code:

Green-and-yellow	: Earth
Blue	: Neutral
Brown	: Live

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows:

- The wire which is coloured green-and-yellow must be connected to the terminal in the plug which is marked by the letter E or by the safety earth symbol  or coloured green or green-and-yellow.
- The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.
- The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

IF YOU HAVE ANY DOUBT, CONSULT A QUALIFIED ELECTRICIAN.

The supplied CD-ROM contains operation instructions in English, German, French, Spanish, Italian and Portuguese. Carefully read through the operation instructions before operating the projector.

Die mitgelieferte CD-ROM enthält Bedienungsanleitungen in Englisch, Deutsch, Französisch, Spanisch, Italienisch und Portugiesisch. Bitte lesen Sie die Bedienungsanleitung vor der Verwendung des Projektors.

Le CD-ROM fourni contient les instructions de fonctionnement en anglais, allemand, français, espagnol, italien et portugais. Veuillez lire attentivement ces instructions avant de faire fonctionner le projecteur.

El CD-ROM suministrado contiene instrucciones de operación en inglés, alemán, francés, español, italiano y portugués. Lea cuidadosamente las instrucciones de operación antes de utilizar el proyector.

Il CD-ROM in dotazione contiene istruzioni per l'uso in inglese, tedesco, francese, spagnolo, italiano e portoghese. Leggere attentamente le istruzioni per l'uso prima di usare il proiettore.

O CD-ROM fornecido contém instruções de operação em Inglês, Alemão, Francês, Espanhol, Italiano e Português. Leia cuidadosamente todas as instruções de operação antes de operar o projetor.

Before using the projector, please read this owner's manual carefully.

Introduction

ENGLISH

1. WARRANTY

This is to assure that you immediately receive the full benefit of the parts, service and labor warranty applicable to your purchase.

2. CONSUMER PRODUCT SAFETY ACT

To ensure that you will promptly receive any safety notification of inspection, modification, or recall that EIKI may be required to give under the 1972 Consumer Product Safety Act, PLEASE READ CAREFULLY THE IMPORTANT "LIMITED WARRANTY" CLAUSE.

U.S.A. ONLY

WARNING:





High brightness light source. Do not stare into the beam of light, or view directly. Be especially careful that children do not stare directly into the beam of light.

WARNING:

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

See bottom of projector.

	CAUTION RISK OF ELECTRIC SHOCK. DO NOT REMOVE SCREWS EXCEPT SPECIFIED USER SERVICE SCREW.	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS EXCEPT LAMP UNIT. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk or electric shock to persons.



The exclamation point within a triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

PRODUCT DISPOSAL

This product utilizes tin-lead solder, and lamp containing a small amount of mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities, the Electronics Industries Alliance: www.eiaa.org, the lamp recycling organization www.lamprecycle.org, or 1-800-242-3454.

U.S.A. ONLY

Caution Concerning Lamp Replacement

See "Replacing the Lamp" on page 52.

Authorized representative responsible for the European Union Community Market

EIKI Deutschland GmbH
Am Frauwald 12, 65510 Idstein

E.U. ONLY

WARNING: FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authority to operate this equipment.

U.S.A. ONLY

For EIP-2600

INFORMATION

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the owner's manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

U.S.A. ONLY

The enclosed computer cable must be used with the device. The cable is provided to ensure that the device complies with FCC Class A verification.

U.S.A. ONLY

WARNING:

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

For EIP-250

INFORMATION

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 owner's manual, 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 the 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.

U.S.A. ONLY

Declaration of conformity

EIKI PROJECTOR, MODEL EIP-250

This device complies with Part 15 of the FCC rules. Operation is subject to the following conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible Party:

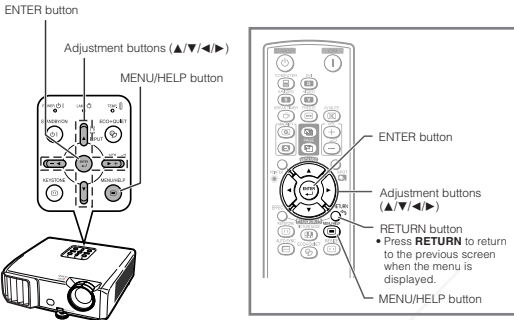
EIKI INTERNATIONAL, INC.
30251 Esperanza Rancho Santa Margarita, CA 92688-2132
TEL: 800-242-3454

U.S.A. ONLY

How to Read this Owner's Manual

- The specifications are slightly different, depending on the model. However, you can connect and operate all models in the same manner.
- In this owner's manual, the illustration and the screen display are simplified for explanation, and may differ slightly from the actual display. The examples used throughout this manual are based on the EIP-2600 model.

Using the Menu Screen



Buttons used in this operation

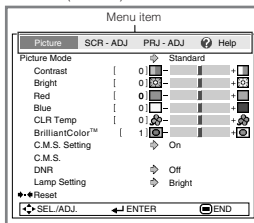
Menu Selections (Adjustments)

Example: Adjusting "Bright".

- This operation can also be performed by using the buttons on the projector.

- 1 Press **MENU/HELP**.
 - The "Picture" menu screen for the selected input mode is displayed.
- 2 Press **▶** or **◀** and select "Picture" to adjust.

Example: "Picture" screen menu for COMPUTER (RGB) input (EIP-2600)



Button used in this step

On-screen display

38



Indicates safeguards for using the projector.



Indicates additional information for setting up and operating the projector.

DiscountMerchant.com (800) 281-8860

For Future Reference

Maintenance

➔ P. 49

Troubleshooting

➔ PP. 63 and 64

Index

➔ P. 67

Contents

Preparing

Introduction

How to Read this Owner's Manual	3
Contents	4
IMPORTANT SAFEGUARDS	6
How to Access the PDF Owner's Manuals	9
Accessories	10
Part Names and Functions	11
Projector	11
Rear View	12
Inserting the Batteries	14
Usable Range	15

Quick Start

Quick Start	16
Setup and Projection	16

Setup

Setting up the Projector	18
Setting up the Projector	18
Standard Setup (Front Projection)	18
Ceiling-mount Setup	18
Projection (PRJ) Mode	19
Screen Size and Projection Distance ..	20

Connections

Connecting the Projector to Other Equipment	21
Controlling the Projector by a Computer	24
Connecting the Power Cord	24

Using

Basic Operation

Turning the Projector On/Off	25
Turning the Projector on	25
Turning the Power off (Putting the Projector into Standby Mode)	25
Image Projection	26
About the Setup Guide	26
Adjusting the Projected Image	26
Correcting Trapezoidal Distortion	28
Switching the Input Mode	29
Adjusting the Volume	29
Displaying the Black Screen and Turning off the Sound Temporarily	29
Resize Mode	30

Useful Features

Operating with the Remote Control	32
Displaying and Setting the Break Timer	32
Displaying the Pointer	32
Using the Spot Function	32
Switching the Eco+Quiet Mode	32
Auto Sync (Auto Sync Adjustment)	33
Freezing a Moving Image	33
Selecting the Picture Mode	33
Displaying an Enlarged Portion of an Image	33
Using the Remote Control as the Wireless Computer Mouse	34
Menu Items	35
Using the Menu Screen	38
Menu Selections (Adjustments)	38
Picture Adjustment ("Picture" Menu) ...	40
Selecting the Picture Mode	40
Adjusting the Image	41
Adjusting the Color Temperature	41
Adjusting the Colors	41
Progressive	42
Reducing Image Noise (DNR)	42
Lamp Setting	42
Adjusting the Projector Image ("SCR - ADJ" Menu)	43
Setting the Resize Mode	43
Adjusting the Image Position	43
Keystone Correction	43
Setting the On-screen Display	43
Closed Caption	44
Selecting the Background Image	44
Selecting the Setup Guide	44
Reversing/Inverting Projected Images	44
Selecting the On-screen Display Language	44
Adjusting the Projector Function ("PRJ - ADJ" Menu)	45
Auto Sync (Auto Sync Adjustment)	45
Auto Power Off Function	45
Auto Restart Function	45
STANDBY Mode	45
Setting the Confirmation Sound (System Sound)	45
Speaker Setting	45
Audio Input (EP-2600 only)	46
Selecting the Transmission Speed (RS-232C)	46
Fan Mode Setting	46
System Lock Function	46
Checking the Lamp Life Status	47
Keylock Function	47

Troubleshooting with the “Help” Menu	48
Utilizing the “Help” Menu Functions	48

Reference

Appendix

Maintenance	49
Maintenance Indicators	50
Regarding the Lamp	52
Lamp	52
Caution Concerning the Lamp	52
Replacing the Lamp	52
Removing and Installing the Lamp Unit	53
Resetting the Lamp Timer	54
Connecting Pin Assignments	55
RS-232C Specifications and Commands	57
Computer Compatibility Chart	62
Troubleshooting	63
Specifications	65
Dimensions	66
Index	67



Discount-Merchant.com (800) 281-8860
THE TRUSTED SOURCE FOR PROJECTOR LAMPS AND ACCESSORIES

IMPORTANT SAFEGUARDS

CAUTION: Please read all of these instructions before you operate this product and save these instructions for later use.

Electrical energy can perform many useful functions. This product has been engineered and manufactured to assure your personal safety. BUT IMPROPER USE CAN RESULT IN POTENTIAL ELECTRICAL SHOCK OR FIRE HAZARDS. In order not to defeat the safeguards incorporated in this product, observe the following basic rules for its installation, use and servicing.

1. Read Instructions

All the safety and operating instructions should be read before the product is operated.

2. Retain Instructions

The safety and operating instructions should be retained for future reference.

3. Heed Warnings

All warnings on the product and in the operating instructions should be adhered to.

4. Follow Instructions

All operating and use instructions should be followed.

5. Cleaning

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

6. Attachments

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

7. Water and Moisture

Do not use this product near water—for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.

8. Accessories

Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

9. Transportation

A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.



10. Ventilation

Slots and openings in the cabinet are provided for ventilation to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

11. Power Sources

This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

12. Grounding or Polarization

This product is provided with one of the following types of plugs. If the plug should fail to fit into the power outlet, please contact your electrician. Do not defeat the safety purpose of the plug.
a. Two-wire type (mains) plug.
b. Three-wire grounding type (mains) plug with a grounding terminal.
This plug will only fit into a grounding type power outlet.

13. 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 product.

14. Lightning

For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the cable system. This will prevent damage to the product due to lightning and power-line surges.

15. Overloading

Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

16. Object and Liquid Entry

Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

17. Servicing

Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

18. Damage Requiring Service

Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- a. When the power-supply cord or plug is damaged.
- b. If liquid has been spilled, or objects have fallen into the product.
- c. If the product has been exposed to rain or water.
- d. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions, as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
- e. If the product has been dropped or damaged in any way.
- f. When the product exhibits a distinct change in performance, this indicates a need for service.

19. Replacement Parts

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

20. Safety Check

Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

21. Wall or Ceiling Mounting

This product should be mounted to a wall or ceiling only as recommended by the manufacturer.

22. Heat

This product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

- DLP® and the DLP logo are registered trademarks of Texas Instruments and BrilliantColor™ is a trademark of Texas Instruments.
- Microsoft® and Windows® are registered trademarks of Microsoft Corporation in the United States and/or other countries.
- PC/AT is a registered trademark of International Business Machines Corporation in the United States.
- Adobe® Reader® is a trademark of Adobe Systems Incorporated.
- Macintosh® is a registered trademark of Apple Computer, Inc. in the United States and/or other countries.
- All other company or product names are trademarks or registered trademarks of their respective companies.
- Some IC chips in this product include confidential and/or trade secret property belonging to Texas Instruments. Therefore you may not copy, modify, adapt, translate, distribute, reverse engineer, reverse assemble or discompile the contents thereof.

Closed Caption uses Bitstream Vera fonts

Copyright (c) 2003 by Bitstream, Inc. All Rights Reserved. Bitstream Vera is a trademark of Bitstream, Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of the fonts accompanying this license ("Fonts") and associated documentation files (the "Font Software"), to reproduce and distribute the Font Software, including without limitation the rights to use, copy, merge, publish, distribute, and/or sell copies of the Font Software, and to permit persons to whom the Font Software is furnished to do so, subject to the following conditions:

The above copyright and trademark notices and this permission notice shall be included in all copies of one or more of the Font Software typefaces.

The Font Software may be modified, altered, or added to, and in particular the designs of glyphs or characters in the Fonts may be modified and additional glyphs or characters may be added to the Fonts, only if the fonts are renamed to names not containing either the words "Bitstream" or the word "Vera".

This License becomes null and void to the extent applicable to Fonts or Font Software that has been modified and is distributed under the "Bitstream Vera" names.

The Font Software may be sold as part of a larger software package but no copy of one or more of the Font Software typefaces may be sold by itself.

THE FONT SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF COPYRIGHT, PATENT, TRADEMARK, OR OTHER RIGHT. IN NO EVENT SHALL BITSTREAM OR THE GNOME FOUNDATION BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, INCLUDING ANY GENERAL, SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF THE USE OR INABILITY TO USE THE FONT SOFTWARE OR FROM OTHER DEALINGS IN THE FONT SOFTWARE.

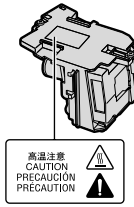
Except as contained in this notice, the names of Gnome, the Gnome Foundation, and Bitstream Inc., shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Font Software without prior written authorization from the Gnome Foundation or Bitstream Inc., respectively. For further information, contact: fonts at gnome dot org.

Observe the following safeguards when setting up your projector.

Caution concerning the lamp unit

- Potential hazard of glass particles if lamp ruptures. In case of lamp rupture, contact your nearest EIKI Authorized Dealer or Service Center for replacement.

See "Regarding the Lamp" on page 52.



Caution concerning the setup of the projector

- For minimal servicing and to maintain high image quality, EIKI recommends that this projector be installed in an area free from humidity, dust and cigarette smoke. When the projector is subjected to these environments, the vents and lens must be cleaned more often. As long as the projector is regularly cleaned, use in these environments will not reduce the overall operation life of the unit. Internal cleaning should only be performed by an EIKI Authorized Dealer or Service Center.

Do not set up the projector in places exposed to direct sunlight or bright light.

- Position the screen so that it is not in direct sunlight or room light. Light falling directly on the screen washes out the colors, making viewing difficult. Close the curtains and dim the lights when setting up the screen in a sunny or bright room.

Caution regarding placing of the projector

- Place the projector on a level site within the adjustment range (9 degrees) of the adjustment foot.



- After the projector is purchased, a faint smell from the vent may appear when the power is first turned on. This is normal and is not a malfunction. It will disappear after the projector is used for a while.

When using the projector in high-altitude areas such as mountains (at altitudes of approximately 1,500 meters (4,900 feet) or more)

- When you use the projector in high-altitude areas with thin air, set "Fan Mode" to "High". Neglecting this can affect the longevity of the optical system.

Warning about placing the projector in a high position

- When placing the projector in a high position, make certain it is carefully secure to avoid personal injury caused by the projector falling down.

Do not subject the projector to hard impact and/or vibration.

- Protect the lens so as not to hit or damage the surface of the lens.

Rest your eyes occasionally.

- Continuously watching the screen for long hours will cause eye strain. Take regular breaks to rest your eyes.

Avoid locations with extremes of temperature.

- The operating temperature of the projector is from 41°F to 95°F (+5°C to +35°C).
- The storage temperature of the projector is from -4°F to 140°F (-20°C to +60°C).

Do not block the exhaust and intake vents.

- Allow at least 11 ¹³/₁₆ inches (30 cm) of space between the exhaust vent and the nearest wall or obstruction.
- Ensure that the intake vent and the exhaust vent are not obstructed.
- If the cooling fan becomes obstructed, a protection circuit will automatically put the projector into standby mode to prevent overheating damage. This does not indicate a malfunction. (See pages 50 and 51.) Remove the projector power cord from the wall outlet and wait at least 10 minutes. Place the projector where the intake and exhaust vents are not blocked, plug the power cord back in and turn on the projector. This will return the projector to the normal operating condition.

Caution regarding usage of the projector

- If you are not to use the projector for a long time or before moving the projector, make certain you unplug the power cord from the wall outlet, and disconnect any other cables connected to it.
- If the power cord is unplugged while the cooling fan is running, some parts of the projector may still be hot. Use caution when handling the projector.
- Do not carry the projector by holding the lens.
- When storing the projector, ensure you attach the lens cap to the projector. (See page 11.)
- Do not expose the projector to direct sunlight or place next to heat sources. Doing so may affect the cabinet color or cause deformation of the plastic cover.

Other connected equipment


- When connecting a computer or other audio-visual equipment to the projector, make the connections AFTER unplugging the power cord of the projector from the AC outlet and turning off the equipment to be connected.
- Please read the owner's manuals of the projector and the equipment to be connected for instructions on how to make the connections.

Using the projector in other countries

- The power supply voltage and the shape of the plug may vary depending on the region or country you are using the projector in. When using the projector overseas, make sure you use an appropriate power cord for the country you are in.

Temperature monitor function



- If the projector starts to overheat due to setup problems or blockage of the air vents, the  and "TEMP." will illuminate in the lower left corner of the picture. If the temperature continues to rise, the lamp will turn off, the temperature warning indicator on the projector will blink, and after a 60-second cooling-off period the projector will enter standby mode. Refer to "Maintenance Indicators" on page 50 for details.

Info

- The cooling fan regulates the internal temperature, and its performance is automatically controlled. The sound of the fan may change during projector operation due to changes in the fan speed. This does not indicate malfunction.

How to Access the PDF Owner's Manuals

PDF owner's manuals in several languages are included in the CD-ROM. To utilize these manuals, you need to install Adobe® Reader® on your computer (Windows® or Macintosh®).

Please download Adobe® Reader® from the Internet (<http://www.adobe.com>).

Accessing the PDF Manuals for Windows® (For Macintosh®, skip step ②).

- ① Insert the CD-ROM in the CD-ROM drive.
- ② Double click the "My Computer" icon.
- ③ Double click the "CD-ROM" drive.
- ④ Double click the "MANUALS" folder.
- ⑤ Double click the model (name of the folder) that you want to view.
- ⑥ Double click the language (name of the folder) that you want to view.
- ⑦ Double click the pdf file to access the projector manuals.

Note

- If the desired pdf file cannot be opened by double clicking the mouse, start Adobe® Reader® first, then specify the desired file using the "File", "Open" menu.

Accessories

Supplied accessories



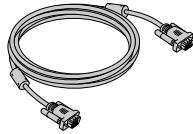
Remote control
for EIP-2600



Remote control
for EIP-250



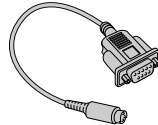
Two R-6 batteries
("AA" size, UM/SUM-3,
HP-7 or similar)



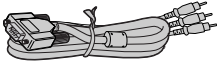
RGB cable
(10' (3.0 m))
<QCNWGA045WJPZ>



Lens cap (attached)

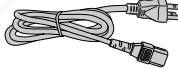


DIN-D-sub RS-232C adaptor
(5 57/64" (15 cm))
<QCNWGA091WJPZ>



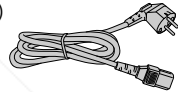
3 RCA to mini D-sub 15 pin cable
(10' (3.0 m))
<QCNWGA043WJPZ>

Power cord*
(1)



For U.S. and Canada, etc.
(6' (1.8 m))
<QACCCA007WJPZ>

(2)



For Europe, except U.K.
(6' (1.8 m))
<QACCV A011WJPZ>

* Use the power cord that corresponds to the wall outlet in your country.

- QUICK GUIDE
- Owner's manual (this manual and CD-ROM)

Optional accessories

- Lamp unit
- Storage case

AH-62101

AH-62501

Part Names and Functions

Numbers in **[]** refer to the main pages in this owner's manual where the topic is explained.

Projector

Top View

Power indicator

25, 50

25, 50 Lamp indicator

STANDBY/ON button

For turning the power on and putting the projector into standby mode.

25

50 Temperature warning indicator

ENTER button

For setting items selected or adjusted on the menu.

38

32 ECO+QUIET button
For lowering the noise of the cooling fan and extending the lamp life.

29 VOL (Volume) buttons (-/+/)
For adjusting the speaker sound level.

29 INPUT buttons (▲/▼)
For switching input mode.

KEYSTONE button

For entering the Keystone Correction mode.

28

38, 48 MENU/HELP button
For displaying adjustment and setting screens, and help screen.

38 Adjustment buttons (▲/▼/◀/▶)
For selecting menu items.

Front View

Zoom ring

For enlarging/reducing the picture.

26

Remote control sensor

15

49 Intake vent

FixYourDLP.com

Exhaust vent

49

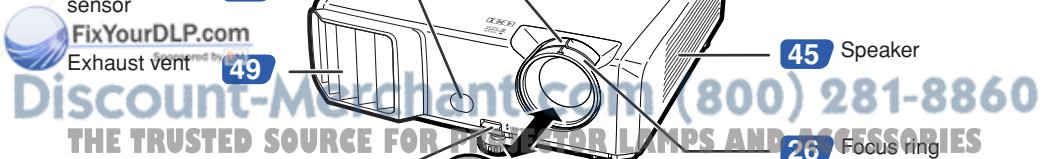
45 Speaker

HEIGHT ADJUST lever

27

26 Focus ring
For adjusting the focus.

Push both sides of the lens cap to attach or remove.

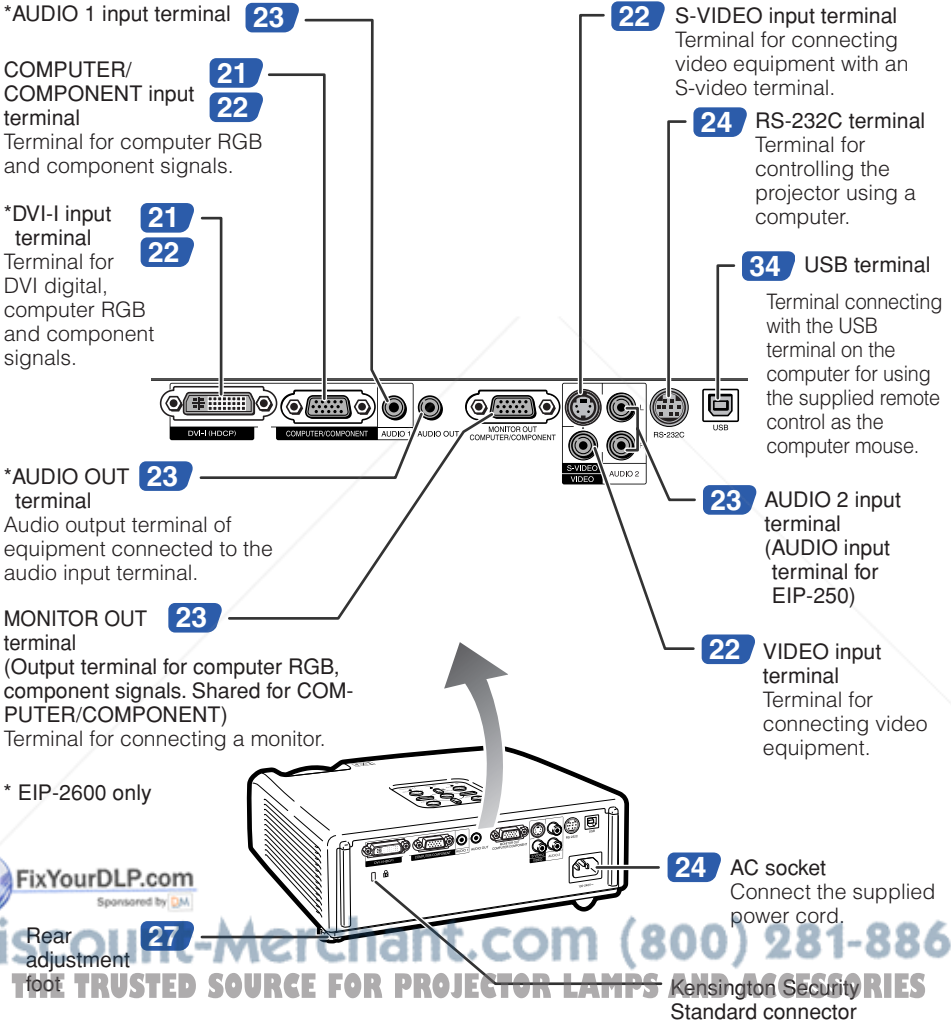


Part Names and Functions (Continued)

Numbers in refer to the main pages in this owner's manual where the topic is explained.

Rear View

Terminals



Discount-Merchant.com (800) 281-8860
 THE TRUSTED SOURCE FOR PROJECTOR LAMPS AND ACCESSORIES

Kensington Security Standard connector

Using the Kensington Lock

- This projector has a Kensington Security Standard connector for use with a Kensington MicroSaver Security System. Refer to the information that came with the system for instructions on how to use it to secure the projector.

STANDBY button

For putting the projector into the standby mode.

25

COMPUTER, *DVI, S-VIDEO, VIDEO buttons

For switching to the respective input modes.

29

BREAK TIMER button

For displaying the break time.

32

MAGNIFY buttons

For enlarging/reducing part of the image.

33

PAGE UP/PAGE DOWN buttons

Same as the [Page Down] and [Page Up] keys on a computer keyboard, when with the USB connection (using a USB cable or the optional remote receiver).

34

POINTER button

For displaying the pointer.

32

MOUSE/Adjustment buttons (▲/▼/◀/▶)

- For moving the computer cursor when with the USB connection (using a USB cable or the optional remote receiver).
- For selecting and adjusting menu items.

34

38

L-CLICK/EFFECT button

- For the Left click when with the USB connection (using a USB cable or the optional remote receiver).
- For changing the pointer or spot area.

34

32

KEYSTONE button

For entering the Keystone Correction mode.

28

AUTO SYNC button

For automatically adjusting images when connected to a computer.

33

ECO+QUIET button

For lowering the noise of the cooling fan and extending the lamp life.

32

ON button

For turning the power on.

25

FREEZE button

For freezing images.

33

AV MUTE button

For temporarily displaying a black screen and turning off the sound.

29

VOL +/- (Volume) buttons

For adjusting the speaker sound level.

29

SPOT button

For displaying the spotlight.

32

ENTER button

For setting items selected or adjusted on the menu.

38

R-CLICK/RETURN button

- For the Right click when with the USB connection (using a USB cable or the optional remote receiver).
- For returning to the previous menu screen during menu operations.

34

38

MENU/HELP button

For displaying adjustment and setting screens, and help screen.

38

48

RESIZE button

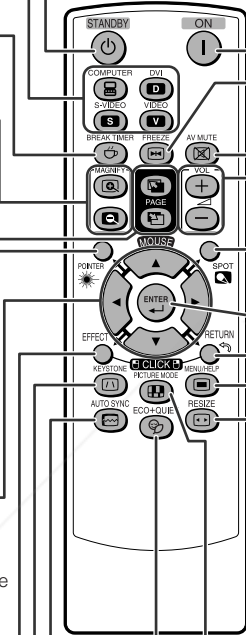
For switching the picture size (NORMAL, BORDER, etc.).

30

PICTURE MODE button

For selecting the appropriate picture.

33

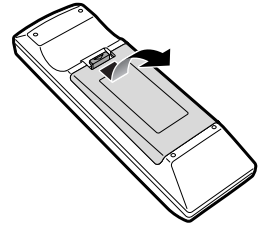


* EIP-2600 only

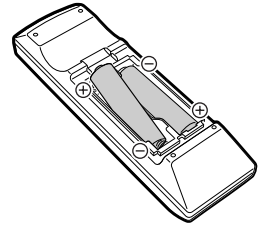
Part Names and Functions (Continued)

Inserting the Batteries

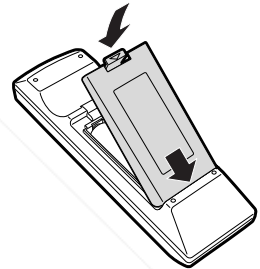
- 1** Pull down the tab on the cover and remove the cover towards the direction of the arrow.



- 2** Insert the batteries.
- Insert the batteries making sure the polarities correctly match the ⊕ and ⊖ marks inside the battery compartment.



- 3** Insert the lower tab of the cover into the opening, and lower the cover until it clicks in place.



Incorrect use of the batteries may cause them to leak or explode. Please follow the precautions below.

Caution

- Danger of explosion if battery is incorrectly replaced. Replace only with alkaline or manganese batteries.
- Insert the batteries making sure the polarities correctly match the ⊕ and ⊖ marks inside the battery compartment.
- Batteries of different types have different properties, therefore do not mix batteries of different types.
- Do not mix new and old batteries.
- This may shorten the life of new batteries or may cause old batteries to leak.
- Remove the batteries from the remote control once they have run out, as leaving them in can cause them to leak.
- Battery fluid from leaked batteries is harmful to skin, therefore ensure you wipe them first and then remove them using a cloth.
- The batteries included with this projector may run down in a short period, depending on how they are kept. Be sure to replace them as soon as possible with new batteries.
- Remove the batteries from the remote control if you will not be using the remote control for a long time.
- Comply with the rules (ordinance) of each local government when disposing of worn-out batteries.

Usable Range

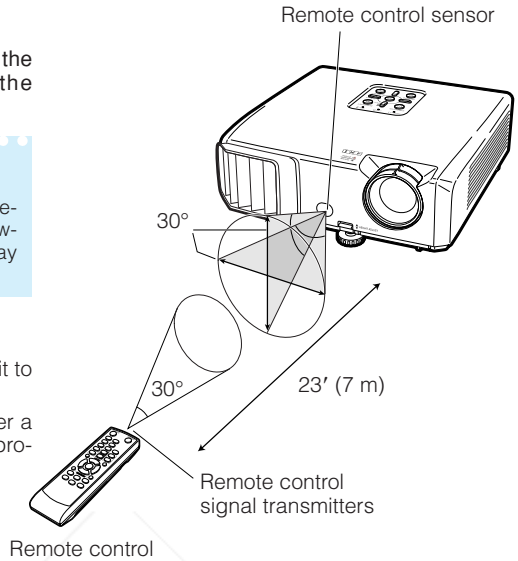
The remote control can be used to control the projector within the ranges shown in the illustration.

Note

- The signal from the remote control can be reflected off a screen for easy operation. However, the effective distance of the signal may differ depending on the screen material.

When using the remote control

- Ensure that you do not drop it or expose it to moisture or high temperature.
- The remote control may malfunction under a fluorescent lamp. In this case, move the projector away from the fluorescent lamp.



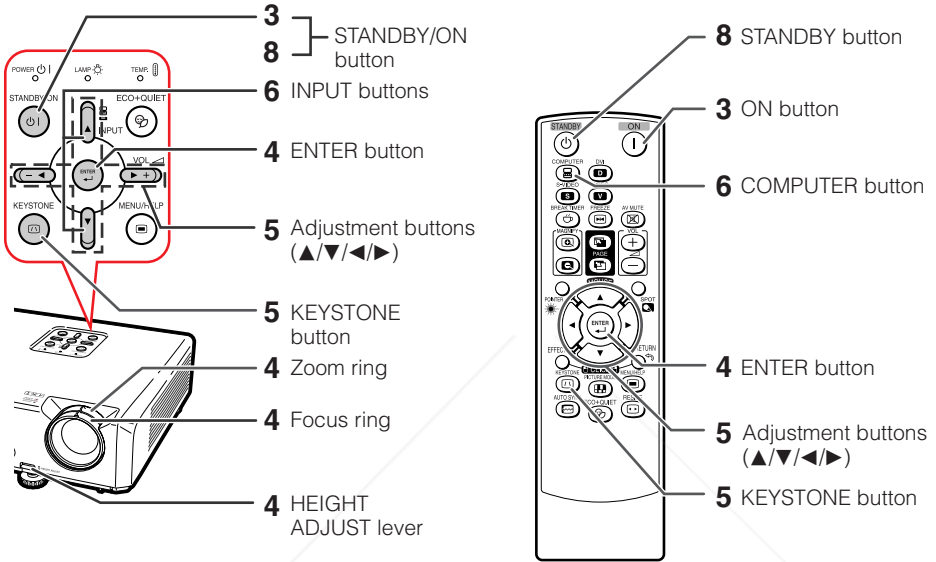
Discount-Merchant.com (800) 281-8860
THE TRUSTED SOURCE FOR PROJECTOR LAMPS AND ACCESSORIES

Quick Start

This section shows the basic operation (projector connecting with the computer). For details, see the page described below for each step.

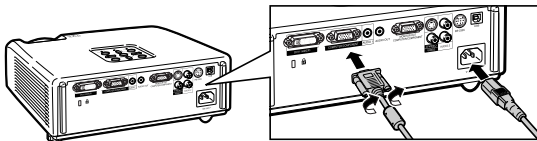
Setup and Projection

In this section, connection of the projector and the computer is explained using one example.



1. Place the projector facing a wall or a screen → P. 18

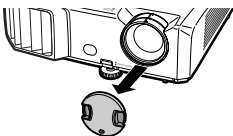
2. Connect the projector to the computer and plug the power cord into the AC socket of the projector



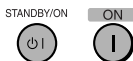
When connecting equipment other than a computer, see pages 22 and 23.

→ PP. 21, 24

3. Remove the lens cap and turn the projector on



On the projector On the remote control



→ P. 25

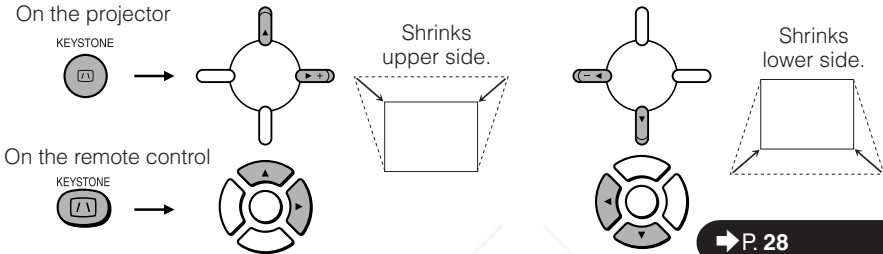
4. Adjust the projected image with the Setup Guide

- 1 After the projector turns on, the Setup Guide appears.
(When "Setup Guide" is set to "On". See page 44.)
- 2 Follow the steps in the Setup Guide and adjust the focus, height (angle) and picture size.
- 3 After adjusting the focus, height (angle) and picture size, press **ENTER** to finish the Setup Guide.

➔ PP. 26, 27

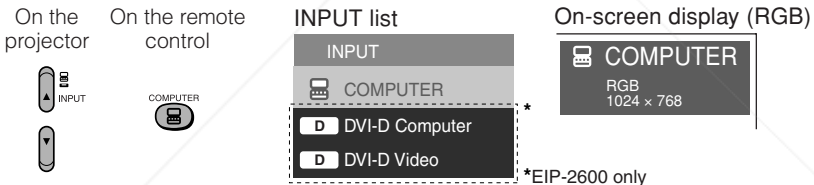
5. Correct trapezoidal distortion

Correcting trapezoidal distortion using Keystone Correction.



6. Select the INPUT mode

Select the "COMPUTER" using **INPUT** on the projector or **COMPUTER** on the remote control.



- When you press **INPUT** on the projector, the INPUT list appears. Press **▲/▼** to switch the INPUT mode.

➔ P. 29

7. Turn the computer on

8. Turn the power off

Press **STANDBY/ON** on the projector or **STANDBY** on the remote control, and then press the button again while the confirmation message is displayed to put the projector into standby mode.

Sponsored by DM



➔ P. 25

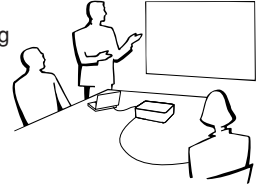
Setting up the Projector

Setting up the Projector

For optimal image quality, position the projector perpendicular to the screen with the projector's feet flat and level. Doing so will eliminate the need for Keystone correction and provide the best image quality. (See page 28.)

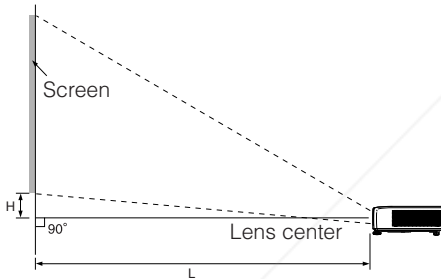
Standard Setup (Front Projection)

- Place the projector at the required distance from the screen according to the desired picture size. (See page 20.)



Example of standard setup

Side View

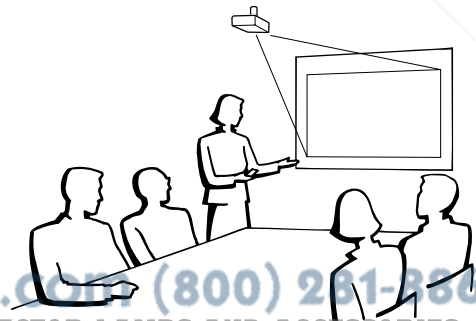


Note

- Refer to page 20 for additional information concerning "Screen Size and Projection Distance".

Ceiling-mount Setup

- It is recommended that you use the optional EIKI ceiling-mount adaptor and unit for this installation. Before mounting the projector, contact your nearest EIKI Authorized Dealer or Service Center to obtain the recommended ceiling-mount adaptor and unit (sold



Discount-Merchant.com

Sponsored by DM

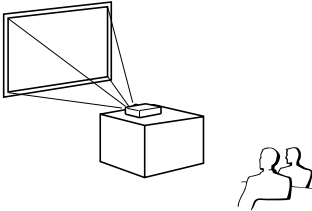
Discount-Merchant.com (800) 261-8600

THE TRUSTED SOURCE FOR PROJECTOR LAMPS AND ACCESSORIES

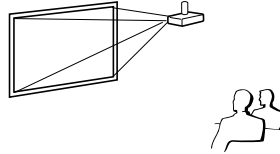
Projection (PRJ) Mode

The projector can use any of the 4 projection modes shown in the diagram below. Select the mode most appropriate for the projection setting in use. (You can set the PRJ mode in "SCR-ADJ" menu. See page 44.)

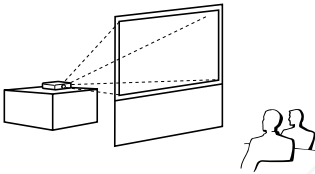
- Table mounted, front projection
[Menu item → "Front"]



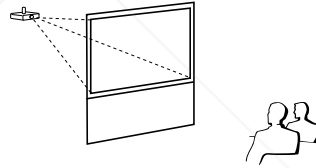
- Ceiling mounted, front projection
[Menu item → "Ceiling + Front"]



- Table mounted, rear projection (with a translucent screen)
[Menu item → "Rear"]



- Ceiling mounted, rear projection (with a translucent screen)
[Menu item → "Ceiling + Rear"]



Indication of the Projection Image Size and Projection Distance

Example: NORMAL Mode (4:3)

Picture Size

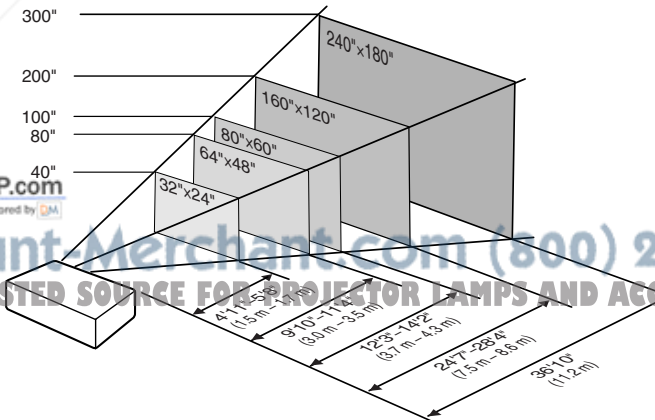
300"

200"

100"

80"

40"



Discount-Merchant.com (800) 281-8860
THE TRUSTED SOURCE FOR PROJECTOR LAMPS AND ACCESSORIES

Setting up the Projector (Continued)

Screen Size and Projection Distance

NORMAL Mode (4:3)

Picture (Screen) size			Projection distance [L]		Distance from the lens center to the bottom of the image [H]
Diag. [X]	Width	Height	Minimum [L1]	Maximum [L2]	
300" (762 cm)	610 cm (240")	457 cm (180")	11.2 m (36' 10")	—	19 cm (7 ⁹ / ₁₆ "
250" (635 cm)	508 cm (200")	381 cm (150")	9.4 m (30' 9")	10.8 m (35' 5")	16 cm (6 ¹⁹ / ₆₄ "
200" (508 cm)	406 cm (160")	305 cm (120")	7.5 m (24' 7")	8.6 m (28' 4")	13 cm (5 ³ / ₆₄ "
150" (381 cm)	305 cm (120")	229 cm (90")	5.6 m (18' 5")	6.5 m (21' 3")	10 cm (3 ²⁵ / ₃₂ "
120" (305 cm)	244 cm (96")	183 cm (72")	4.5 m (14' 9")	5.2 m (17' 0")	8 cm (3 ¹ / ₃₂ "
100" (254 cm)	203 cm (80")	152 cm (60")	3.7 m (12' 3")	4.3 m (14' 2")	6 cm (2 ³³ / ₆₄ "
80" (203 cm)	163 cm (64")	122 cm (48")	3.0 m (9' 10")	3.5 m (11' 4")	5 cm (2 ¹ / ₆₄ "
70" (178 cm)	142 cm (56")	107 cm (42")	2.6 m (8' 7")	3.0 m (9' 11")	4 cm (1 ⁴⁹ / ₆₄ "
60" (152 cm)	122 cm (48")	91 cm (36")	2.2 m (7' 4")	2.6 m (8' 6")	4 cm (1 ³³ / ₆₄ "
40" (102 cm)	81 cm (32")	61 cm (24")	1.5 m (4' 11")	1.7 m (5' 8")	3 cm (1 ¹ / ₆₄ "

X: Picture size (diag.) (in/cm)

L: Projection distance (m/ft)

L1: Minimum projection distance (m/ft)

L2: Maximum projection distance (m/ft)

H: Distance from the lens center to the bottom of the image (cm/in)

The formula for picture size and projection distance

[m/cm]

L1 (m) = 0.03745X

L2 (m) = 0.04323X

H (cm) = 0.064X

[Feet/inches]

L1 (ft) = 0.03745X / 0.3048

L2 (ft) = 0.04323X / 0.3048

H (in) = 0.064X / 2.54

STRETCH Mode (16:9)

Picture (Screen) size			Projection distance [L]		Distance from the lens center to the bottom of the image [H]	Adjustable range of image position [S]
Diag. [X]	Width	Height	Minimum [L1]	Maximum [L2]		
250" (635 cm)	553 cm (218")	311 cm (123")	10.2 m (33' 6")	11.8 m (38' 8")	69 cm (27 ¹⁹ / ₆₄ "	± 52 cm (± 20 ²⁷ / ₆₄ "
200" (508 cm)	443 cm (174")	249 cm (98")	8.2 m (26' 9")	9.4 m (30' 11")	55 cm (21 ⁵³ / ₆₄ "	± 42 cm (± 16 ¹¹ / ₃₂ "
150" (381 cm)	332 cm (131")	187 cm (74")	6.1 m (20' 1")	7.1 m (23' 2")	42 cm (16 ³ / ₈ "	± 31 cm (± 12 ¹ / ₄ "
120" (305 cm)	266 cm (105")	149 cm (59")	4.9 m (16' 1")	5.7 m (18' 7")	33 cm (13 ³ / ₃₂ "	± 25 cm (± 9 ¹³ / ₁₆ "
100" (254 cm)	221 cm (87")	125 cm (49")	4.1 m (13' 5")	4.7 m (15' 5")	28 cm (10 ⁵⁹ / ₆₄ "	± 21 cm (± 8 ¹ / ₆₄ "
80" (203 cm)	177 cm (70")	100 cm (39")	3.3 m (10' 9")	3.8 m (12' 4")	22 cm (8 ⁴⁷ / ₆₄ "	± 17 cm (± 6 ¹⁷ / ₃₂ "
60" (152 cm)	133 cm (52")	75 cm (29")	2.4 m (8' 0")	2.8 m (9' 3")	17 cm (6 ³⁵ / ₆₄ "	± 12 cm (± 4 ²⁹ / ₃₂ "
40" (102 cm)	89 cm (35")	50 cm (20")	1.6 m (5' 4")	1.9 m (6' 2")	11 cm (4 ²³ / ₆₄ "	± 8 cm (± 3 ¹⁷ / ₆₄ "

X: Picture size (diag.) (in/cm)

L: Projection distance (m/ft)

L1: Minimum projection distance (m/ft)

L2: Maximum projection distance (m/ft)

H: Distance from the lens center to the bottom of the image (cm/in)

S: Adjustable range of image position (cm/in) See page 43.

The formula for picture size and projection distance

[m/cm]

L1 (m) = 0.0408X

L2 (m) = 0.0471X

H (cm) = 0.27727X

S (cm) = ± 0.20754X


[Feet/inches]

L1 (ft) = 0.0408X / 0.3048

L2 (ft) = 0.0471X / 0.3048

H (in) = 0.27727X / 2.54

S (in) = ± 0.20754X / 2.54

 **Free DLP.com**

- Refer to page 18 concerning "Projection distance [L]" and "Distance from the lens center to the bottom of the image [H]".
- Allow a margin of error in the values in the diagrams above.

Discount Merchant.com (800) 281-8860

THE TRUSTED SOURCE FOR PROJECTOR LAMPS AND ACCESSORIES

Connecting the Projector to Other Equipment

Before connecting, ensure that the power cord of the projector is unplugged from the AC outlet and turn off the equipment to be connected. After making all connections, turn on the projector and then the other pieces of equipment. When connecting a computer, ensure that it is the last equipment to be turned on after all the connections are made.

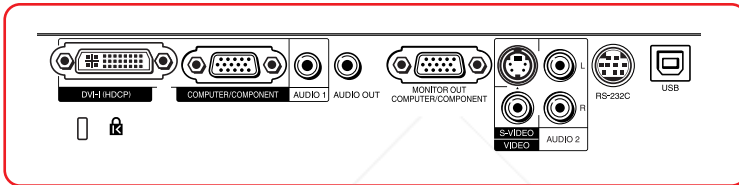
IMPORTANT:



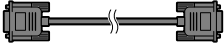


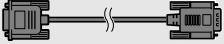


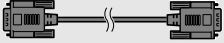

Ensure that the appropriate input mode has been selected on the projector before you turn on the connected equipment.

- For more details of connection and cables, refer to the owner's manual of the connecting equipment.
- You may need other cables or connectors not listed below.

Terminals on the Projector

Example: Terminals of EIP-2600





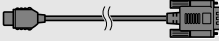


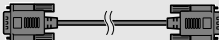

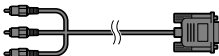
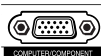

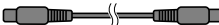


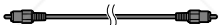

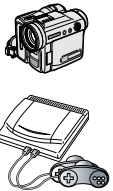
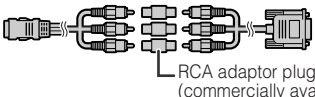
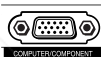


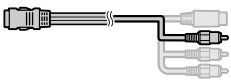

Equipment	Terminal on connected equipment	Cable	Terminal on the projector
	RGB output terminal 	RGB cable (supplied) 	COMPUTER/COMPONENT 
	RGB output terminal 	mini D-sub 15 pin to DVI cable (commercially available) 	DVI-I 
	DVI digital output terminal 	DVI Digital cable (commercially available) 	

FixYourDLP.com is only for EIP-2600.

Note

- See page 62 "Computer Compatibility Chart" for a list of computer signals compatible with the projector. Use with computer signals other than those listed may cause some of the functions to not work.
- A Macintosh adaptor may be required for use with some Macintosh computers. Contact your nearest Macintosh Dealer.
- **Depending on the computer you are using, an image may not be projected unless the computer's external output port is switched on.** Refer to the specific instructions in your computer owner's manual to enable your computer's external output port.








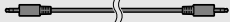


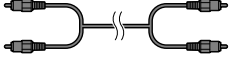



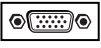
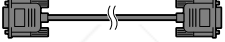

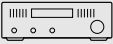
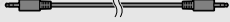

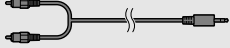
Connecting the Projector to Other Equipment (Continued)

Equipment	Terminal on connected equipment	Cable	Terminal on the projector
Video equipment 	HDMI output terminal 	HDMI to DVI cable (commercially available) 	DVI-I 
	DVI digital output terminal 	DVI Digital cable (commercially available) 	
	Component video output terminal 	3 RCA to mini D-sub 15 pin cable (supplied) 	COMPUTER/COMPONENT 
	S-video output terminal 	S-video cable (commercially available) 	S-VIDEO 
	Video output terminal 	Video cable (commercially available) 	VIDEO 
Camera/Video game 	Component video output terminal	Cables for a camera or a video game/3 RCA to mini D-sub 15 pin cable (supplied)  RCA adaptor plug (commercially available)	COMPUTER/COMPONENT 
	S-video output terminal	Cables for a camera or a video game 	S-VIDEO 
	Video output terminal	Cables for a camera or a video game 	VIDEO 

 is only for EIP-2600.



- Only for EIP-2600:
- While the projector is connected to video equipment that has an HDMI output terminal, only the video signal can be input to the projector. (Connect the AUDIO input terminal for audio input.)
- Depending on specifications of Video equipment or HDMI to DVI digital cable, the signal transmission may not work properly. (The HDMI specification does not support all connections to video equipment that has HDMI digital output terminal using HDMI to DVI digital cable.)
- For details on compatibility for connection, see support information on DVI connection provided by the video equipment manufacturer.
- When you connect video equipment with a 21-pin RGB output (Euro-scart) to the projector, use a commercially available cable that fits in the projector terminal you want to connect.
- The projector does not support RGBC signals via the Euro-scart.

Equipment	Terminal on connected equipment	Cable	Terminal on the projector	
Audio equipment      	ø3.5 mm audio output terminal 	ø3.5 mm stereo or mono audio cable (commercially available) 	AUDIO 1 	
	RCA audio output terminal 	RCA audio cable (commercially available) 	Cables for a camera or a video game 	AUDIO 2 (EIP-2600) AUDIO (EIP-250) 
	Audio output terminal			
Monitor 	RGB input terminal 	RGB cable (supplied or commercially available) 	MONITOR OUT  <small>MONITOR OUT COMPUTER/COMPONENT</small>	
Amplifier 	ø3.5 mm audio input terminal	ø3.5 mm stereo or mono audio cable (commercially available) 	AUDIO OUT  <small>AUDIO OUT</small>	
	RCA audio input terminal	ø3.5 mm stereo minijack to RCA audio cable (commercially available) 		

 is only for EIP-2600.

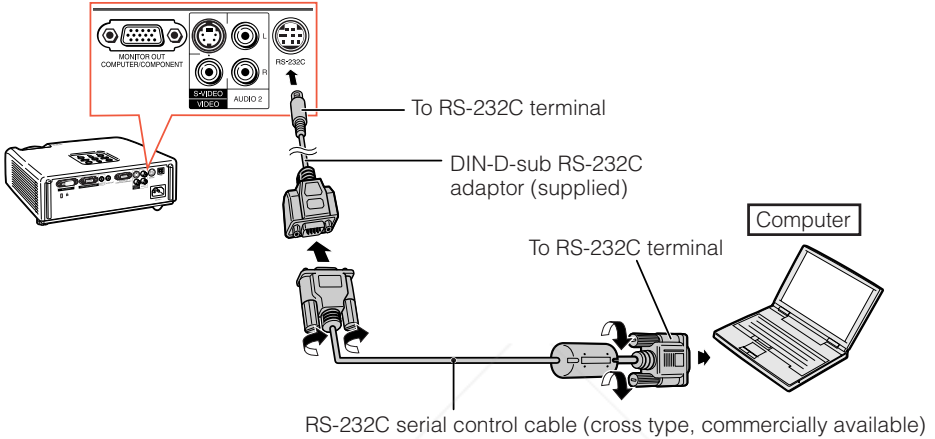
Note

- Only for EIP-2600:
 - When using the ø3.5 mm mono audio cable, the volume level will be half of when using the ø3.5 mm stereo audio cable.
 - You can select "Audio 1" or "Audio 2" for "Audio Input" in the "PRJ-ADJ" menu. (See page 46.)
- RGB signals and Component signals can be output to the monitor.

Controlling the Projector by a Computer

When the RS-232C terminal on the projector is connected to a computer with a DIN-D-sub RS-232C adaptor and an RS-232C serial control cable (cross type, commercially available), the computer can be used to control the projector and check the status of the projector. See page 57 for details.

When connecting to a computer using an RS-232C serial control cable and a DIN-D-sub RS-232C adaptor



Note

- The RS-232C function may not operate if your computer terminal is not correctly set up. Refer to the owner's manual of the computer for details.
- See page 56 for connection of an RS-232C serial control cable.

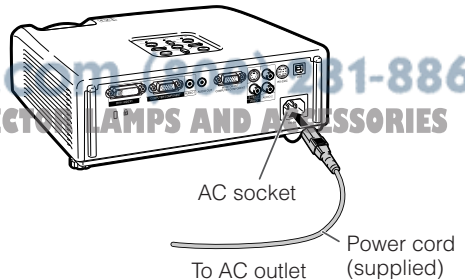
Info

- Do not connect the RS-232C cable to a port other than the RS-232C terminal on the computer. This may damage your computer or projector.
- Do not connect or disconnect an RS-232C serial control cable to or from the computer while it is on. This may damage your computer.

Connecting the Power Cord

FixYourDLP.com
Sponsored by

Plug the supplied power cord into the AC socket on the rear of the projector. Then plug into AC outlet.



Turning the Projector On/Off

Turning the Projector on

Note that the connections to external equipment and power outlet should be done before performing the operations written below. (See pages 21 to 24.)

Remove the lens cap and press **STANDBY/ON on the projector or **ON** on the remote control.**

- The power indicator illuminates red.
- After the lamp indicator illuminates, the projector is ready to start operation.

Note

• About the Lamp Indicator

The lamp indicator illuminates to indicate the status of the lamp.

Green: The lamp is on.

Blinking in green: The lamp is warming up.

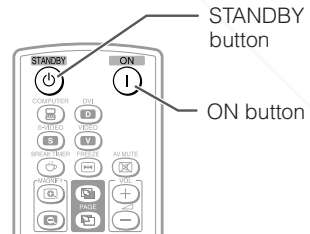
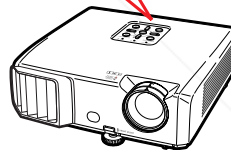
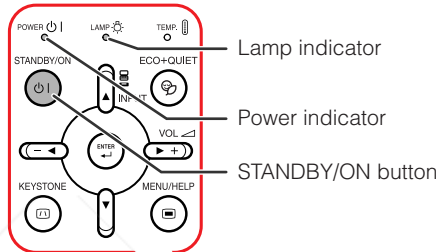
Red: The lamp is shut down abnormally or the lamp should be replaced.

- When switching on the projector, a slight flickering of the image may be experienced within the first minute after the lamp has been illuminated. This is normal operation as the lamp's control circuitry is stabilising the lamp output characteristics. It should not be regarded as faulty operation.
- If the projector is put into standby mode and immediately turned on again, the lamp may take some time to start projection.
- When System Lock is set, the keycode input box appears. To cancel the keycode setting, input the keycode that you have already set. See page 46 for details.

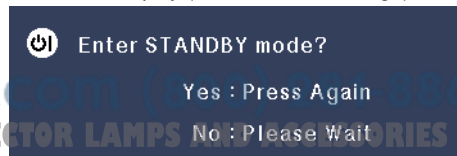
Info

• When "Auto Restart" is set to "On":

- If the power cord is unplugged from the outlet or the breaker switch is turned off when the projector is on, then the projector automatically turns on when the power cord is plugged into the AC outlet or the breaker switch is turned on. (See page 45.)
- English is the factory default language. If you want to change the on-screen display to another language, change the language according to the procedure on page 44.



On-screen display (confirmation message)



Info

• Direct Power Off function:

- You can unplug the power cord from the AC outlet even if the cooling fan is still running.

Turning the Power off (Putting the Projector into Standby Mode)

Press **STANDBY/ON on the projector or **STANDBY** on the remote control, then press that button again while the confirmation message is displayed, to put the projector into standby mode.**

- The projector cannot be turned on while cooling.

Image Projection

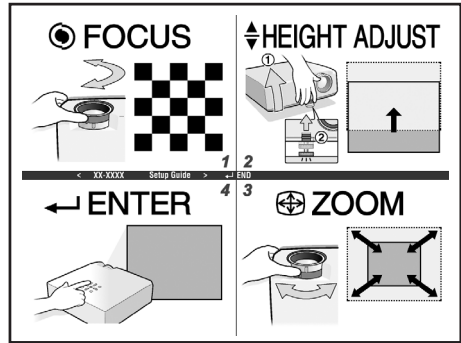
About the Setup Guide

After turning on the projector, the Setup Guide screen appears to assist you with projector setup.

- Guidance items
- 1 FOCUS
 - 2 HEIGHT ADJUST
 - 3 ZOOM

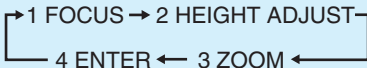
Press **ENTER** to exit the Setup Guide screen.

Setup Guide screen



Note

- The Setup Guide screen automatically highlights the items in the following order:



However, you can adjust the focus, height (angle), or zoom regardless of the highlighted item.

- If you do not want to display the Setup Guide for the next time, set "Menu" - "SCR - ADJ" - "Setup Guide" to "Off". (See page 44.)

Adjusting the Projected Image

1 Adjusting the Focus

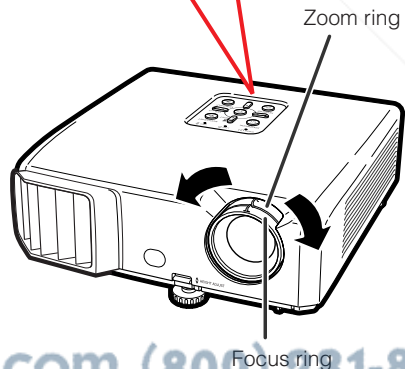
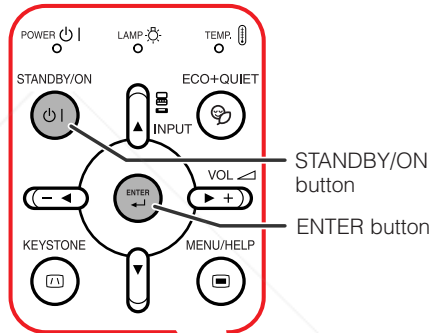
You can adjust the focus with the focus ring on the projector.

Rotate the focus ring to adjust the focus while watching the projected image.

2 Adjusting the Picture Size

You can adjust the picture size using the zoom ring on the projector.

Rotate the zoom ring to enlarge or shrink the picture size.



3 Adjusting the Height

The height of the projector can be adjusted using the adjustment feet at the front and rear of the projector.

When the screen is above the projector, the projection image can be made higher by adjusting the projector.

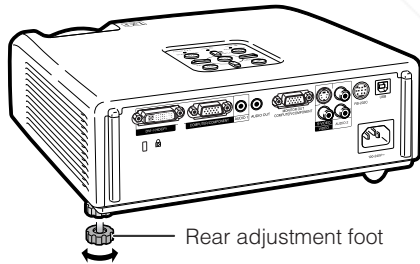
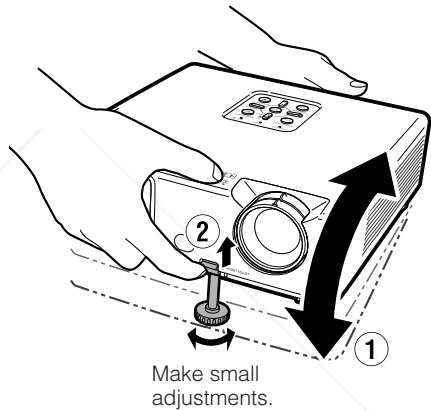
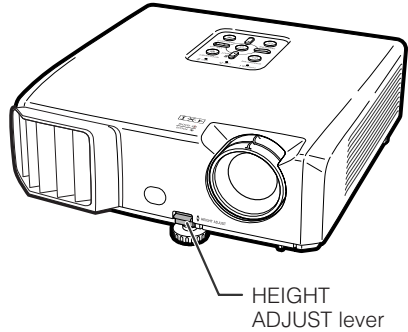
1 Lift the projector to adjust its height while lifting the HEIGHT ADJUST lever.

2 Remove your hands from the HEIGHT ADJUST lever of the projector after its height has been finely adjusted.

- The angle of projection is adjustable up to 9 degrees from the surface on which the projector is placed.

3 Use the rear adjustment foot to make the projector level.

- The projector is adjustable ± 2 degrees from the standard position.



Note

- When adjusting the height of the projector, trapezoidal distortion occurs. Follow the procedures in Keystone Correction to correct the distortion. (See pages 28 and 43.)

FixYourDLP.com

Sponsored by

Info

- Do not apply too much pressure on the projector when the front adjustment foot comes out.
- When lowering the projector, be careful not to get your fingers caught in the area between the adjustment foot and the projector.
- Hold the projector firmly while lifting or carrying.
- Do not hold by the lens area.

Discount-Merchant.com (800) 281-8860
THE TRUSTED SOURCE FOR PROJECTOR LAMPS AND ACCESSORIES

Image Projection (Continued)

Correcting Trapezoidal Distortion

When the image is projected either from the top or from the bottom towards the screen at an angle, the image becomes distorted trapezoidally. The function for correcting trapezoidal distortion is called **Keystone Correction**.

Note

- The Keystone Correction can be adjusted up to an angle of approximately ± 40 (EIP-2600)/ ± 20 (EIP-250) degrees and the screen can also be set up to an angle of approximately ± 40 (EIP-2600)/ ± 20 (EIP-250) degrees (when the resize mode is set to "NORMAL" (see page 30)).

1 Press **KEYSTONE** to enter the Keystone Correction mode.

- You can also display the on-screen display of the Keystone Correction mode with **KEYSTONE** on the projector.

2 Press **▲/▶** or **◀/▼** to adjust the Keystone Correction.

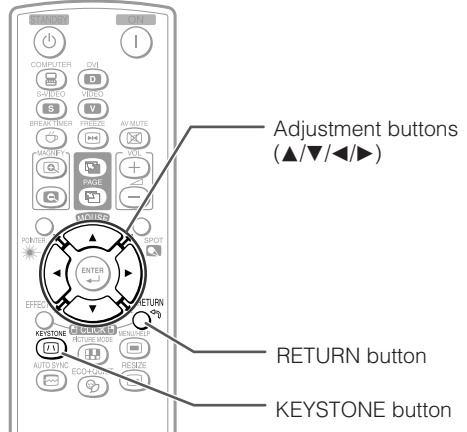
- You can also adjust the Keystone Correction using the adjustment buttons on the projector.

Note

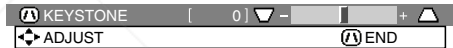
- To return to the default setting, press **RETURN** while the on-screen display of the Keystone Correction mode is on the screen.

3 Press **KEYSTONE**.

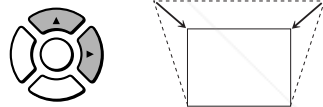
- The on-screen display of the Keystone Correction mode will disappear.
- You can also use **KEYSTONE** on the projector.



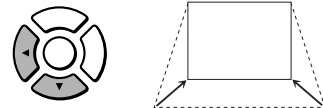
On-screen display (Keystone Correction mode)



Shrinks upper side.
(Move the slide bar in the + direction.)



Shrinks lower side.
(Move the slide bar in the - direction.)



Info

- While adjusting the image using Keystone Correction, straight lines and the edges of the image may appear jagged.

Switching the Input Mode

Select the appropriate input mode for the connected equipment.

Press **COMPUTER**, **DVI (EIP-2600 only)**, **S-VIDEO** or **VIDEO** on the remote control to select the input mode.

- When you press **INPUT** on the projector or **DVI** on the remote control (EIP-2600 only), the INPUT list appears.

Press **▲/▼** to switch the INPUT mode.

Adjusting the Volume

Press **VOL +/-** on the remote control or **-◀/▶+** on the projector to adjust the volume.

Note

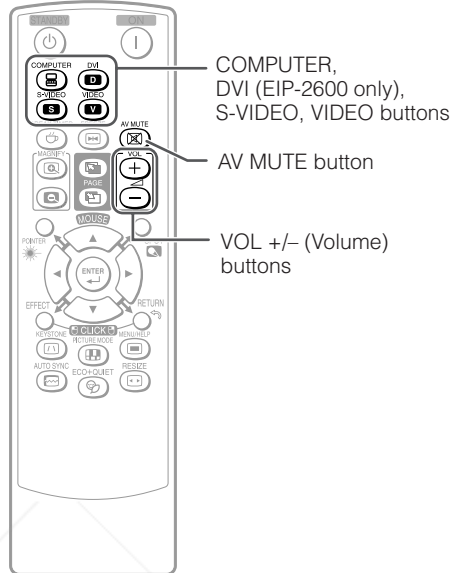
- Pressing **VOL-/-◀** will lower the volume.
- Pressing **VOL+/>▶** will raise the volume.
- When the projector is connected to external equipment, the volume level of the external equipment changes in accordance with the volume level of the projector. Set the projector's volume to the lowest level when turning the projector on/off or when changing the input signal.
- When you do not want to output the sound from the projector's speaker while the projector is connected to external equipment, set "Speaker" in "PRJ-ADJ" menu to "Off". (See page 45.)

Displaying the Black Screen and Turning off the Sound Temporarily

Press **AV MUTE** on the remote control to temporarily display a black screen and turn off the sound.

Note

- Pressing **AV MUTE** again will turn the projected image back on.



On-screen display



On-screen display



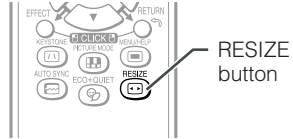
Image Projection (Continued)

Resize Mode

This function allows you to modify or customize the resize mode to enhance the input image. Depending on the input signal, you can choose a desired image.

Press RESIZE.

- See page 43 for setting on menu screen.



COMPUTER

	Main resolution	NORMAL	FULL	DOT BY DOT	BORDER	STRETCH
EIP-2600	SVGA (800 x 600)	1024 x 768	—	800 x 600	768 x 576	1024 x 576
	XGA (1024 x 768)			—		
	SXGA (1280 x 1024)	968 x 768	1024 x 768	1280 x 1024	720 x 576	
	1280 x 800	1024 x 640		1280 x 800	922 x 576	
EIP-250	SVGA (800 x 600)	800 x 600	—	—	600 x 450	800 x 450
	XGA (1024 x 768)			1024 x 768		
	SXGA (1280 x 1024)	750 x 600	800 x 600	1280 x 1024	—	
	1280 x 800	800 x 500		1280 x 800	720 x 450	

Input signal		Image type	For 4:3 screen			For 16:9 screen	
Computer			NORMAL	FULL	DOT BY DOT	BORDER	STRETCH
EIP-2600	EIP-250						
Resolution lower than XGA	Resolution lower than SVGA	 4:3 aspect ratio		— *2			
XGA	SVGA						
Resolution higher than XGA	Resolution higher than SVGA						
SXGA (1280 x 1024)		 5:4 aspect ratio					
1280 x 720		 16:9 aspect ratio					
1360 x 768 1366 x 768							
1280 x 768							
1280 x 800		 16:10 aspect ratio					

■: Cutout area on which images cannot be projected



























⋯: Area where the signals are off screen



*1 The Image Shift function can be used for these images.

*2 Same as NORMAL mode.

*3 For EIP-250 model, "Border" cannot be selected with certain resolution selections in which the horizontal part of aspect ratio becomes smaller than 4:3 (such as 1280 x 1024, among others).

VIDEO/DTV

Input signal		For 4:3 screen			For 16:9 screen	
Video/DTV	Image type	NORMAL	AREA ZOOM	V-STRETCH	BORDER	STRETCH
480I, 480P, 576I, 576P, NTSC, PAL, SECAM	 4:3 aspect ratio				 *1	 *1
	 Squeeze				 *1	 *1
	 Letter box				 *1	 *1
720P, 1035I, 1080I, 1080P	 16:9 aspect ratio					
540P	 16:9 aspect ratio				___ *2	___ *2
	 (4:3 aspect ratio in 16:9)					

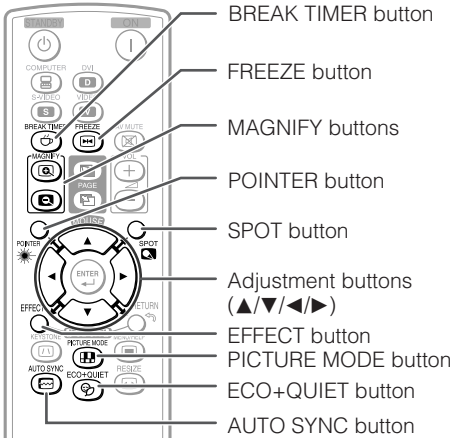
-  : Cutout area on which images cannot be projected
 : Area on which the image is not included in the original signals
 *1 The Image Shift function can be used for these images.
 *2 Same as NORMAL mode.

About Copyrights

- When using the RESIZE function to select an image size with a different aspect ratio to a TV program or video image, the image will look different from its original appearance. Keep this in mind while choosing an image size.
- The use of the Resize or Keystone Correction function to compress or stretch the image for commercial purposes/public displays in a café, hotel, etc. may be an infringement of copyright protected by law for copyright holders. Please use caution.

Discount-Merchant.com (800) 281-8860
 THE TRUSTED SOURCE FOR PROJECTOR LAMPS AND ACCESSORIES

Operating with the Remote Control



Displaying the Pointer

1 Press **POINTER** and press **▲/▼/◀/▶** on the remote control to move the pointer.

- Press **EFFECT** to change the pointer icon (5 types).

Star	Finger1	Finger2	Heart	Underline

2 Press **POINTER** again.

- The pointer will disappear.

Displaying and Setting the Break Timer

1 Press **BREAK TIMER**.

- The timer starts to count down from 5 minutes.

On-screen display



2 Press **▲/▼/◀/▶** to adjust the length of the break time.

- **Increases with ▲ or ▶**
5 minutes → 6 minutes → 60 minutes
- **Shortens with ◀ or ▼**
4 minutes → 3 minutes → 1 minute
- The break time can be set in units of one minute (up to 60 minutes).

Canceling the break timer display function

Press **BREAK TIMER**.

Note

- Break Timer does not function while the projector is operating the "Auto Sync", "FREEZE" or "AV MUTE" functions.

Using the Spot Function

1 Press **SPOT** and press **▲/▼/◀/▶** on the remote control to move the spot area.

- Press **EFFECT** to change the spot area size (3 types).

1/9	1/25	1/8

2 Press **SPOT** again.

- The spot area will disappear.

Switching the Eco+Quiet Mode

Press **ECO+QUIET** to switch the Eco+Quiet mode between on and off.

- When the Eco+Quiet Mode is set to "ON", the sound of the cooling fan will turn down, the power consumption will decrease, and the lamp life will extend.

Note

- Refer to "Lamp Setting" on page 42 for details of the Eco+Quiet mode.

Auto Sync (Auto Sync Adjustment)

Auto Sync function works when detecting input signal after the projector turns on.

Press **AUTO SYNC** to manually adjust with Auto Sync function.

Note

- When the optimum image cannot be achieved with Auto Sync adjustment, use the help menu for manual adjustments. (See page 48.)

Freezing a Moving Image

1 Press **FREEZE**.

- The projected image is frozen.

2 Press **FREEZE** again to return to the moving image from the currently connected device.

Selecting the Picture Mode

You can select the appropriate picture mode for the projected image, such as movie or video game.

Press **PICTURE MODE**.

- When pressing **PICTURE MODE**, the picture mode changes in the following order:

STANDARD → PRESENTATION → MOVIE → GAME → sRGB

Note

- See page 40 for details on the picture mode.

* "sRGB" is displayed only when RGB signal is input.

Displaying an Enlarged Portion of an Image

Graphs, tables and other portions of projected images can be enlarged. This is helpful when providing more detailed explanations.

1 Press **MAGNIFY** on the remote control.

- Enlarges the image.
- Pressing **MAGNIFY** or **MAGNIFY** enlarges or reduces the projected image.

Note

Press **MAGNIFY**.

x1 x2 x3 x4

Press **MAGNIFY**.

- You can change the location of the enlarged image using **▲**, **▼**, **◀** and **▶**.

2 Press **RETURN** on the remote control to cancel the operation.

- The magnification then returns to x1.

Note

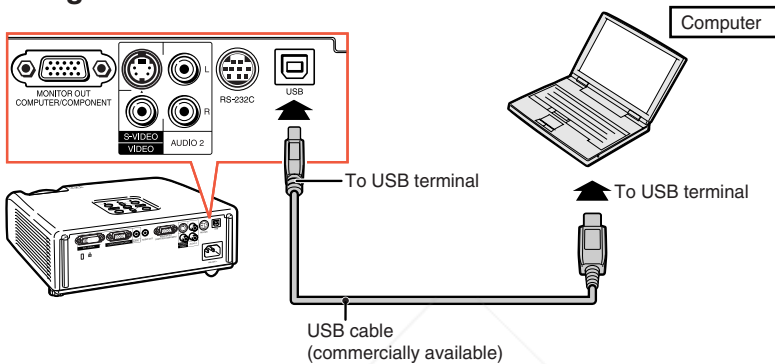
- The selectable magnifications differ depending on the input signal.
- In the following cases, the image will return to the normal size (x1).
 - When switching the INPUT mode.
 - When **RETURN** has been pressed.
 - When the input signal is changed.
 - When the input signal resolution and refresh rate (vertical frequency) change.
 - When the Resize mode is changed.
 - When the Picture mode is changed.
 - When the Progressive mode is changed.

Operating with the Remote Control (Continued)

Using the Remote Control as the Wireless Computer Mouse

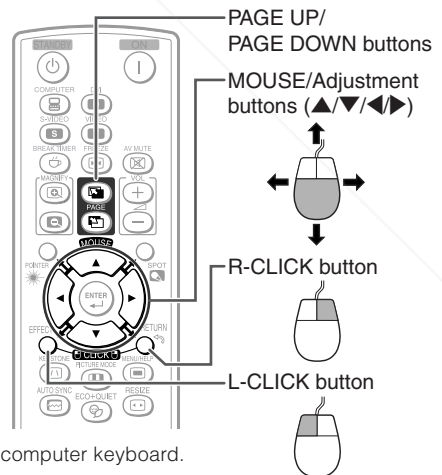
When connecting the projector and the computer with a USB cable, you can use the remote control as the computer mouse.

Connecting with a USB cable



The mouse pointer can be operated in the following way after it is connected.

- **When moving the cursor**
Press MOUSE/Adjustment buttons (▲/▼/◀/▶).
- **When left-clicking**
Press L-CLICK.
- **When right-clicking**
Press R-CLICK.
- **When your computer supports only a one-click mouse (such as Macintosh)**
Press L-CLICK or R-CLICK.
L-CLICK and R-CLICK have common function.
- **When using [Page Up] or [Page Down]**
Some of the [Page Up] and [Page Down] keys on a computer keyboard.
Press PAGE UP or PAGE DOWN.



Note

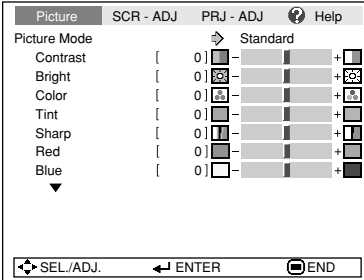
- This function only works with the Microsoft® Windows® OS and Mac OS®. However, this function does not work with the following operation systems that do not support USB.
 - Versions earlier than Windows® 95
 - Versions earlier than Windows® NT4.0
 - Versions earlier than Mac OS® 8.5
- You cannot use this function when displaying the menu screen.
- Confirm that the computer recognizes the USB connection.

Menu Items

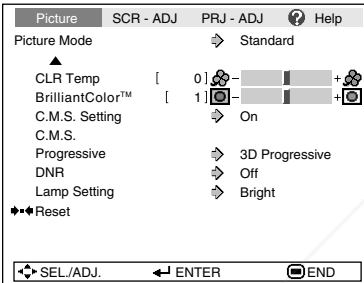
The following shows the items that can be set in the projector.

“Picture” menu

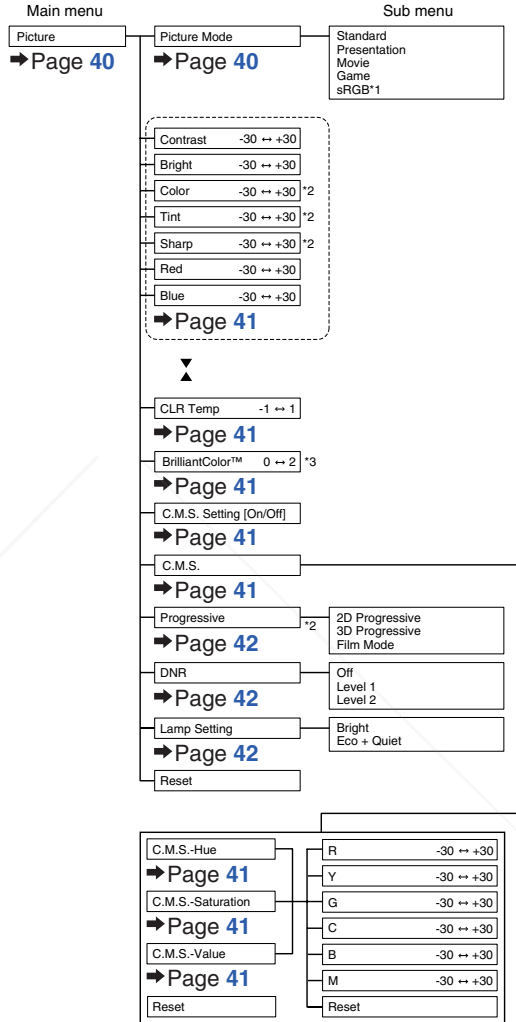
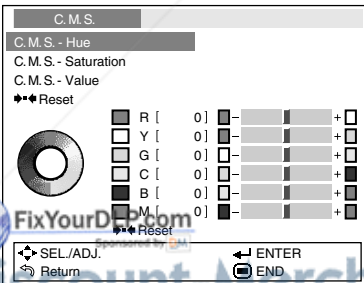
PAGE 1



PAGE 2



“C.M.S.”



*1 Items when inputting RGB signal through COMPUTER or DVI (EIP-2600 only).

*2 Items when inputting component signal through COMPUTER or DVI (EIP-2600 only), or when selecting S-VIDEO or VIDEO.

*3 On model EIP-250, this item is “Bright Boost”.

Menu Items (Continued)

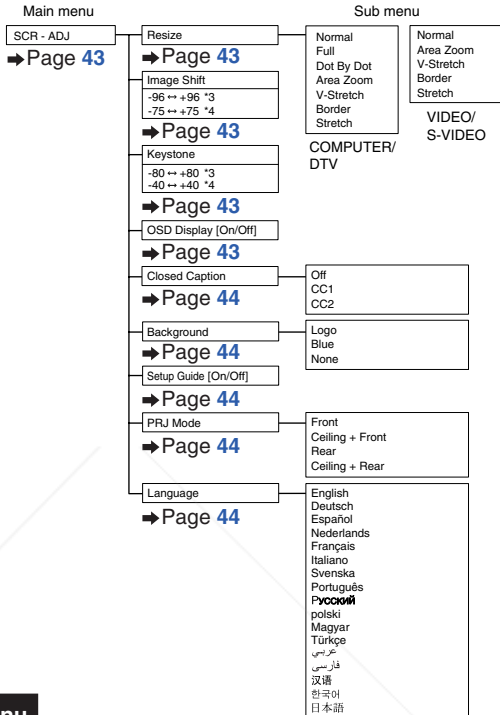
“Screen adjustment (SCR-ADJ)” menu

Picture	SCR - ADJ	PRJ - ADJ	Help
Resize		Normal	
Image Shift	[0]		
Keystone	[0]		
OSD Display		On	
Closed Caption		CC1	
Background		Logo	
Setup Guide		On	
PRJ Mode		Front	
Language		English	

⏪ SEL./ADJ. ⏩ ENTER ⏹ END

*3 Adjustment range for EIP-2600.

*4 Adjustment range for EIP-250.

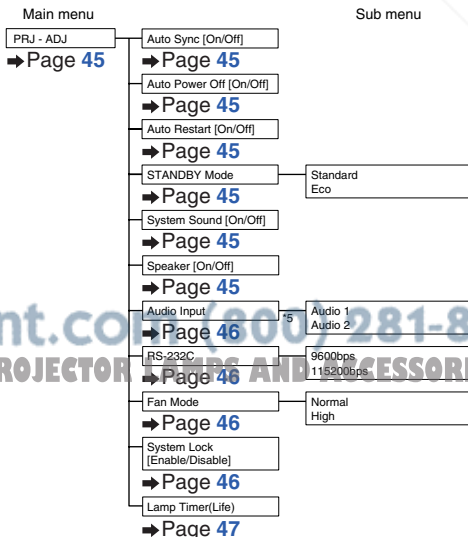


“Projector adjustment (PRJ-ADJ)” menu

Picture	SCR - ADJ	PRJ - ADJ	Help
Auto Sync		On	
Auto Power Off		On	
Auto Restart		On	
STANDBY Mode		Standard	
System Sound		On	
Speaker		On	
Audio Input		Audio 1	
RS-232C		9600bps	
Fan Mode		Normal	
System Lock		Disable	
Lamp Timer(Life) [0] h [0] min (100%)			

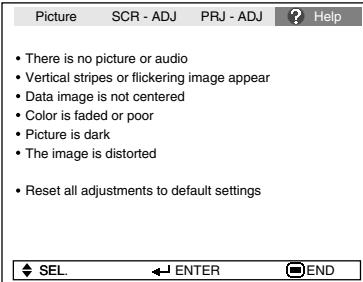
⏪ SEL./ADJ. ⏩ ENTER ⏹ END

*5 This item is available for EIP-2600 only.



FixYourDLP.com
 Discount-Merchant.com 800-281-8860
 THE TRUSTED SOURCE FOR PROJECTOR PARTS AND ACCESSORIES

“Help” menu



The items you can set with the “Help” menu

“Help” menu → Page 48

- Vertical stripes or flickering image appear
 - Auto Sync
 - Clock
 - Phase
 - Data image is not centered
 - Auto Sync
 - H-Pos
 - V-Pos
 - Color is faded or poor
 - COMPUTER/COMPONENT or DVI (EIP-2600 only) input
 - Signal type: Auto/RGB/Component
 - S-VIDEO or VIDEO input
 - Video System: Auto/PAL/SECAM/NTSC3.58/NTSC4.43/PAL-M/PAL-N/PAL-60
 - DVI (Digital) input (EIP-2600 only)
 - Dynamic range: Auto/Standard/Enhanced
- * The selectable items vary depending on the input signal and the selected input mode.



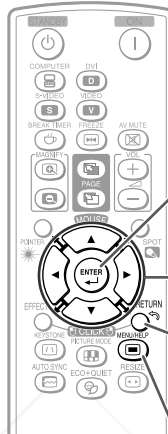
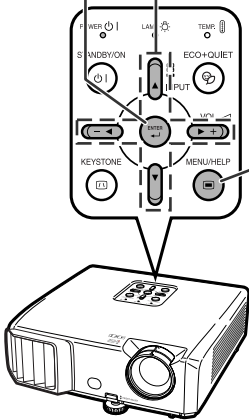
Discount-Merchant.com (800) 281-8860
THE TRUSTED SOURCE FOR PROJECTOR LAMPS AND ACCESSORIES

Using the Menu Screen

ENTER button

Adjustment buttons (▲/▼/◀/▶)

MENU/HELP button



ENTER button

Adjustment buttons (▲/▼/◀/▶)

RETURN button
 • Press **RETURN** to return to the previous screen when the menu is displayed.

MENU/HELP button

Menu Selections (Adjustments)

Example: Adjusting “Bright”.

- This operation can also be performed by using the buttons on the projector.

1 Press **MENU/HELP**.

- The “Picture” menu screen for the selected input mode is displayed.

2 Press **▶** or **◀** and select “Picture” to adjust.

Example: “Picture” screen menu for COMPUTER (RGB) input (EIP-2600)

Menu item

Picture	SCR - ADJ	PRJ - ADJ	Help
Picture Mode		Standard	
Contrast	[0]	—	+ []
Bright	[0]	—	+ []
Red	[0]	—	+ []
Blue	[0]	—	+ []
CLR Temp	[0]	—	+ []
BrilliantColor™	[1]	—	+ []
C.M.S. Setting		On	
C.M.S.			
DNR		Off	
Lamp Setting		Bright	
◆◆Reset			
◆SEL/ADJ. ◀ ENTER END			

3 Press ▲ or ▼ and select “Bright” to adjust.

- The selected item is highlighted.

To adjust the projected image while watching it

Press ENTER.

- The selected item (e.g. “Bright”) is displayed by itself at the bottom of the screen.
- When pressing ▲ or ▼, the following item (“Red” after “Bright”) will be displayed.

Note

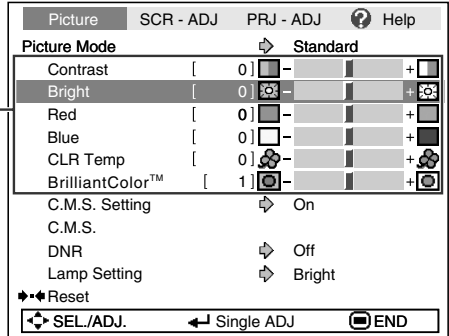
- Press **ENTER** again to return to the previous screen.

4 Press ◀ or ▶ to adjust the item selected.

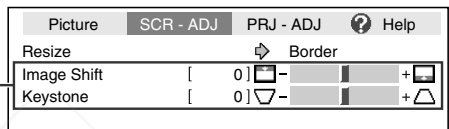
- The adjustment is stored.

5 Press MENU/HELP.

- The menu screen will disappear.

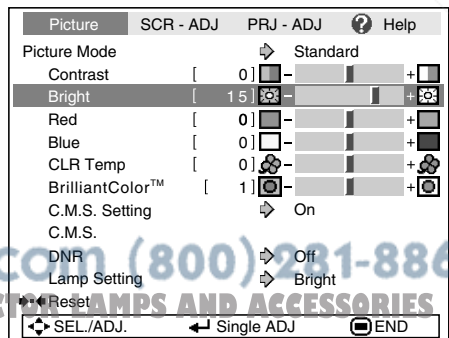
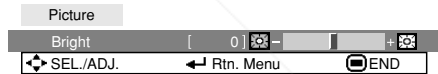


Items to be adjusted



Press ENTER.

The item displayed by itself



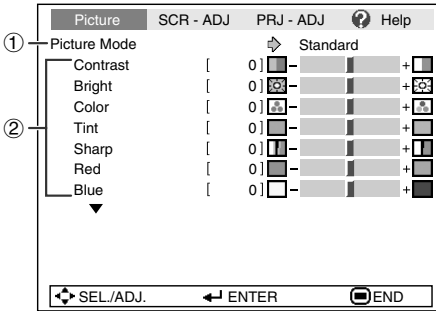
Note

- Menu buttons do not function while the projector is operating the “Auto Sync”, “Break Timer”, “FREEZE”, or “AV MUTE” functions.

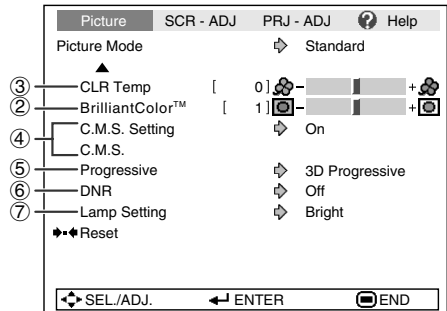
Picture Adjustment (“Picture” Menu)

Menu operation → Page 38

▶ PAGE1



▶ PAGE2



① Selecting the Picture Mode

Selectable items	Description	The default settings of each item when selecting Picture Mode		
		CLR Temp	BrilliantColor™ (EIP-2600) Bright Boost (EIP-250)	Lamp Setting
Standard	For standard image	0	1	Bright
Presentation	Brightens portions of image for more enhanced presentations.	0	2	Bright
Movie	Gives natural tint to the projected image.	-1	0	Eco + Quiet
Game	Gives sharpness to the projected image.	0	1	Bright
*sRGB	For high fidelity reproduction of images from a computer.	-	-	Bright

- “sRGB” is displayed only when RGB signal is input.
- You can set or adjust each item in the “Picture” menu to your preference. Any changes you make are retained in memory.

Note

- You can also press **PICTURE MODE** on the remote control to select the picture mode. (See page 33.)
 - *sRGB is an international standard of color reproduction regulated by the IEC (International Electrotechnical Commission). As the fixed color area has been decided by the IEC, the images are displayed in a natural tint based on an original image, when “sRGB” is selected. For additional information about the sRGB function, visit “<http://www.srgb.com/>”.
- You cannot set the items, “Red”, “Blue”, “CLR Temp”, “Bright Boost”, when “sRGB” is selected.

Info

- When “sRGB” is selected, the projected image may become dark, but this does not indicate a malfunction.

② Adjusting the Image

Adjustment items	◀ button	▶ button
Contrast	For less contrast.	For more contrast.
Bright	For less brightness.	For more brightness.
Color* ¹	For less color intensity.	For more color intensity.
Tint* ¹	For making skin tones purplish.	For making skin tones greenish.
Sharp* ¹	For less sharpness.	For more sharpness.
Red* ²	For weaker red.	For stronger red.
Blue* ²	For weaker blue.	For stronger blue.
BrilliantColor™* ^{2,3} Bright Boost* ² (EIP-250)	For making the effect weaker.	For making the effect stronger.

*1 Not displayed in the RGB input mode.

*2 Not adjustable/selectable when selecting "sRGB".

*3 BrilliantColor™ uses Texas Instruments' BrilliantColor™ technology. As the BrilliantColor™ level is increased, the image becomes brighter while the color reproduction is kept at a high level.

Note

- "Red", "Blue", "BrilliantColor™" (EIP-2600), "Bright Boost" (EIP-250) and "CLR Temp" cannot be set when "sRGB" is selected.
- To reset all adjustment items, select "Reset" and press **ENTER**.

③ Adjusting the Color Temperature

Selectable items	Description
-1	For lower color temperature for warmer, reddish incandescent-like images.
0	
1	For higher color temperature for cooler, bluish, fluorescent-like images.

Note

- Values on "CLR Temp" are only for general standard purposes.

④ Adjusting the Colors

This function adjusts each of the six main colors that comprise the color wheel, altering their "Hue", "Saturation", or "Value".

Selectable items	Description
C.M.S.-Hue	Sets the hue of the main colors.
C.M.S.-Saturation	Sets the saturation of the main colors.
C.M.S.-Value	Sets the brightness of the main colors.
Reset	The adjustments of "Hue", "Saturation" and "Value" of all colors are reset to the default setting.

Adjusting "Hue", "Saturation", or "Value".

- 1 Select "On" for "C.M.S. Setting" in the "Picture" menu and then press **ENTER**.
- 2 Select "C.M.S." in the "Picture" menu and then press **ENTER**.
- 3 Press ▲ or ▼ to select either "Hue", "Saturation", or "Value" and then press **ENTER**.
- 4 Select the color to be adjusted with ▲ or ▼ and adjust it with ◀ or ▶.

Example of adjusting the "Hue"

Main colors	◀ button	▶ button
R (Red)	Closer to magenta	Closer to yellow
Y (Yellow)	Closer to red	Closer to green
G (Green)	Closer to yellow	Closer to cyan
C (Cyan)	Closer to green	Closer to blue
B (Blue)	Closer to cyan	Closer to magenta
M (Magenta)	Closer to blue	Closer to red

- When "Saturation" is selected, the selected color becomes
◀: lighter. ▶: thicker.
- When "Value" is selected, the selected color becomes
◀: darker. ▶: brighter.
- To reset the adjustment values of each color to the default settings, select "Reset" and press **ENTER**.

Picture Adjustment (“Picture” Menu) (Continued)

Menu operation → Page 38

⑤ Progressive

Selectable items	Description
2D Progressive	Useful to display fast-moving images such as sports.
3D Progressive	Useful to display relatively slow-moving images such as drama and documentary more clearly.
Film Mode	Reproduces the image of film source* clearly. Displays the optimized image of film transformed with three-two pull down (NTSC and PAL60Hz) or two-two pull down (PAL50Hz and SECAM) enhancement to progressive mode images.

* The film source is a digital video recording with the original encoded as is at 24 frames/second. The projector can convert this film source to progressive video at 60 frames/second with NTSC and PAL60Hz or at 50 frames/second with PAL50Hz and SECAM to play back a high-definition image.

Note

- In NTSC or PAL60Hz, even if the 3D Progressive mode has been set, the three-two pull down enhancement will be enabled automatically when the film source has been entered.
- When the image is blurred or noisy, switch to the optimal mode.

Info

- This function is available for 480I and 576I signals using COMPUTER/COMPONENT or DVI (EIP-2600 only) input.
- This function is available for all signals with S-VIDEO and VIDEO input.

⑥ Reducing Image Noise (DNR)

Video digital noise reduction (DNR) provides high quality images with minimal dot crawl and cross color noise.

Selectable items	Description
Off	The DNR function is not activated.
Level 1	Sets the DNR level for viewing a clearer picture.
Level 2	

Note

Set “DNR” to “Off” in the following cases:

- When the image is blurry.
- When the contours and colors of moving images drag.
- When TV broadcasts with weak signals are projected.

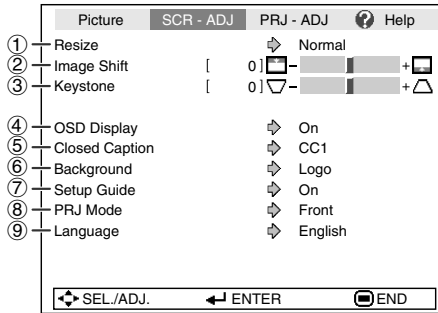
⑦ Lamp Setting

Selectable items	Brightness and Power consumption	
Eco + Quiet	EIP-2600	Approx. 70%
	EIP-250	Approx. 80%
Bright	100%	

Note

- In the Eco + Quiet mode, the fan sound and power consumption are lower than those in the Bright mode. (Projection brightness decreases as shown in the chart.)

Adjusting the Projected Image (“SCR - ADJ” Menu)



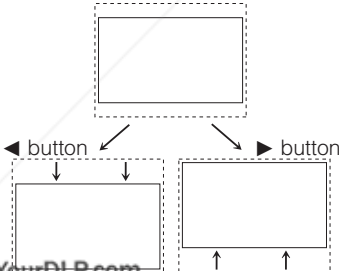
① Setting the Resize Mode

Note

- For details of the Resize mode, see pages 30 and 31.
- You can also press **RESIZE** on the remote control to set the resize mode. (See page 30.)

② Adjusting the Image Position

You can move the projected image vertically.

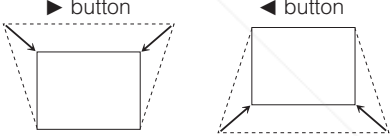


③ Keystone Correction

When the image is projected either from the top or from the bottom towards the screen at an angle, the image becomes distorted trapezoidally. The function for correcting trapezoidal distortion is called Keystone Correction.

Select “Keystone” on the “SCR-ADJ” menu and adjust with the slide bar.

See page 28 for details of Keystone Correction.



Note

- The Keystone Correction can be adjusted up to an angle of approximately ± 40 (EIP-2600)/ ± 20 (EIP-250) degrees (when “Resize” is set to “Normal”).
- You can also press **KEYSTONE** on the remote control or on the projector to adjust Keystone Correction.

④ Setting the On-screen Display

Selectable items	Description
On	All on-screen displays are displayed.
Off	INPUT/VOLUME/AV MUTE/FREEZE/AUTO SYNC/RESIZE/PICTURE MODE/ECO+QUIET/MAGNIFY/ “An invalid button has been pressed.” are not displayed.

Note

- This function only works in some RESIZE modes. (See pages 30 and 31.)

Adjusting the Projected Image (“SCR - ADJ” Menu) (Continued)

Menu operation → Page 38

⑤ Closed Caption

Info

- This function is available for NTSC3.58 and 480i signals.
- This function does not work when the resize mode is set to “Border”.
- This function is available in the following cases only:

Resize mode	Keystone Correction
Normal	
Area Zoom	-40 – +40
V-Stretch	
Stretch	-12 – +12

- “Closed Caption” is a system which allows conversations, narration, and sound effects in TV programs (Limited regions) and home videos to be viewed as captions on the screen.
- Not all programs and videos will offer closed captioning. Please look for the **CC** symbol to ensure that captions will be shown.
- Two channels are available: CC1 and CC2.
- The Closed Caption letters of this projector are displayed in black and white.

Selectable items	Description
Off	—
CC1	Closed Caption mode for CH1 data
CC2	Closed Caption mode for CH2 data

Note

- Closed Caption may malfunction (white blocks, strange characters, etc.) if signal conditions are poor or if there are problems at the broadcast source. This does not necessarily indicate a problem with the projector.
- If any button is pressed to call up the on-screen display while viewing a Closed Caption broadcast, the closed captions will disappear.

FixYourDLP.com
Sponsored by DM

⑥ Selecting the Background Image

Selectable items	Description
Logo	EIKI logo screen
Blue	Blue screen
None	—

⑦ Selecting the Setup Guide

Selectable items	Description
On	Displaying the Setup Guide when turning the projector on.
Off	Not displaying the Setup Guide.

⑧ Reversing/Inverting Projected Images

Selectable items	Description
Front	Normal image (Projected from the front of the screen)
Ceiling + Front	Inverted image (Projected from the front of the screen with an inverted projector)
Rear	Reversed image (Projected from the rear of the screen or with a mirror)
Ceiling + Rear	Reversed and inverted image (Projected with a mirror)

See page 19 for details of Projection (PRJ) Mode.

⑨ Selecting the On-screen Display Language

The projector can switch the on-screen display language among 17 languages.

English
Deutsch
Español
Nederlands
Français
Italiano
Svenska
Português
Русский
polski
Magyar

Türkçe
عربي
فارسی
汉语
한국어
日本語

Adjusting the Projector Function (“PRJ - ADJ” Menu)

Menu operation → Page 38

	Picture	SCR - ADJ	PRJ - ADJ	Help
①	Auto Sync	↕	On	
②	Auto Power Off	↕	On	
③	Auto Restart	↕	On	
④	STANDBY Mode	↕	Standard	
⑤	System Sound	↕	On	
⑥	Speaker	↕	On	
⑦	Audio Input	↕	Audio 1	
⑧	RS-232C	↕	9600bps	
⑨	Fan Mode	↕	Normal	
⑩	System Lock	↕	Disable	
⑪	Lamp Timer(Life)	[0] h [0] min (100%)		

SEL/ADJ.
 ENTER
 END

① Auto Sync (Auto Sync Adjustment)

Selectable items	Description
On	Auto Sync adjustment will occur when the projector is turned on or when the input signals are switched, when connected to a computer.
Off	Auto Sync adjustment is not automatically performed.

Note

- Auto Sync adjustment is also performed by pressing **AUTO SYNC** on the remote control.
- The Auto Sync adjustment may take some time to complete, depending on the image of the computer connected to the projector.
- When the optimum image cannot be achieved with Auto Sync adjustment, use manual adjustments. (See page 48.)

② Auto Power Off Function

Selectable items	Description
On	When no input signal is detected for more than 15 minutes, the projector will automatically enter standby mode.
Off	The Auto Power Off function will be disabled.

Note

- When the Auto Power Off function is set to “On”, 5 minutes before the projector enters standby mode, the message “Enter STANDBY mode in X min.” will appear on the screen to indicate the remaining minutes.

③ Auto Restart Function

Selectable items	Description
On	If the power cord is unplugged from the outlet or the breaker switch is turned off when the projector is on, then the projector automatically turns on when the power cord is plugged into the AC outlet or the breaker switch is turned on.
Off	The projector does not turn on automatically when the power cord is plugged into the AC outlet or the breaker switch is turned on.

④ STANDBY Mode

When set to “Eco”, power consumption is reduced in standby mode.

Selectable items	Description
Eco	The monitor output and RS-232C functions are switched off in standby mode.
Standard	The monitor output and RS-232C functions are activated even if the projector is in standby mode.

⑤ Setting the Confirmation Sound (System Sound)

Selectable items	Description
On	A confirmation sound is made when the projector turns on/off.
Off	No confirmation sound is made.

⑥ Speaker Setting

Selectable items	Description
On	The audio signal is output from the internal speaker.
Off	The audio signal is not output from the internal speaker.

Adjusting the Projector Function (“PRJ - ADJ” Menu) (Continued)

Menu operation → Page 38

⑦ Audio Input (EIP-2600 only)

This function allows you to select an appropriate combination of audio input terminals for each input mode.

Selectable items	Description
Audio 1	The AUDIO 1 input terminal is used as an audio input terminal.
Audio 2	The AUDIO 2 input terminal is used as an audio input terminal.

⑧ Selecting the Transmission Speed (RS-232C)

Make sure that both the projector and computer are set for the same baud rate.

Selectable items	Description
9600bps	Transmission speed is slow.
	↑↓
115200bps	Transmission speed is rapid.

⑨ Fan Mode Setting

This function changes the fan rotation speed.

Selectable items	Description
Normal	Suitable for normal environments.
High	Select this when using the projector at altitudes of approximately 1,500 meters (4,900 feet) or more.

When “Fan Mode” is set to “High”, the fan rotation speeds up, and the fan noise becomes louder.

⑩ System Lock Function

This function prevents unauthorized use of the projector. Once this function is activated, users must enter the correct keycode each time the projector is turned on. **We suggest you record the keycode in a safe place where only authorized users have access.**

Info

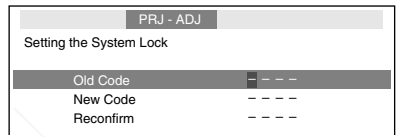
- If you lose or forget your keycode, contact your nearest EIKI Authorized Dealer or Service Center. Even if the product warranty is valid, the keycode reset will incur a charge.

■ Setting/Changing the keycode

1 Select “System Lock”, then press **ENTER** or **▶**.

2 Select “Next”, then press **ENTER**.
• The screen for entering the keycode appears.

3 Press the 4 buttons on the remote control or on the projector to enter the preset keycode in “Old Code”.
• When setting the keycode for the first time, press **▼** on the projector for four times.



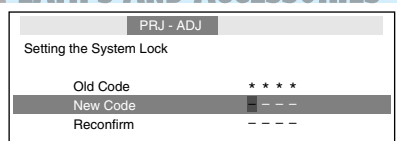
Note

- If you input a wrong keycode, the cursor returns to the first point of the “Old Code”.
- The preset keycode is 4 **▼** buttons on the projector. When you press the **▼** button four times, the keycord input screen disappears.

4 Press the 4 buttons on the remote control or on the projector to enter the new keycode in “New Code”.

Note

- You cannot use the following buttons for keycode: **STANDBY/ON, ON, STANDBY, ENTER, L-CLICK, R-CLICK/RETURN and MENU/HELP**
- **System lock function recognizes each button on the remote control or on the projector as an individual button, even if they share the same button name. If you used the buttons on the projector in setting your keycode, the keycode cannot be canceled with the remote control.**



5 Enter the same keycode in “Re-confirm”.

Note

To cancel the keycode that you have already set

- Press ▼ on the projector for four times in steps 4 and 5 above.

When the System Lock is set

- When System Lock is set, the keycode input screen appears after the power is turned on. When it appears, enter the right keycode to start projection.

Input screen for keycode

System Lock - - - -

11 Checking the Lamp Life Status

You can confirm the cumulative lamp usage time and the remaining lamp life (percentage).

Lamp usage condition	Remaining lamp life	
	“Life”	
	100%	5%
Operated exclusively with Lamp Setting set to “Eco +Quiet”	Approx. 4,000 hours	Approx. 200 hours
Operated exclusively with Lamp Setting set to “Bright”	Approx. 2,000 hours	Approx. 100 hours

Note

- It is recommended that the lamp be changed when the remaining lamp life becomes 5%.
- The lamp life may vary depending on the usage condition.

Keylock Function

Locking the Operation Buttons on the Projector

Use this function to lock the operation buttons on the projector.

Locking the Operation Buttons

Hold down **ENTER** on the projector for about 5 seconds while the projector is being turned on.

On-screen display

Keylock function ON

- The keylock function does not affect the operation with the remote control buttons.
- You cannot use the keylock function while the projector is warming up.

Taking the Keylock off

Hold down **ENTER** on the projector for about 5 seconds.

On-screen display

Keylock function OFF

- When the projector is in standby mode, you can release the keylock by holding down **ENTER** and **STANDBY/ON** on the projector simultaneously for about 5 seconds.

Info

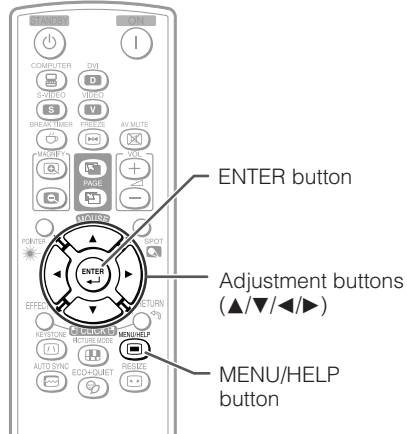
- Keylock cannot be set while the projector is: displaying the “Setup Guide” or “Menu” screens, in standby mode, warming up, changing input signals, operating “Auto Sync” function, in “FREEZE” mode or on the “System Lock” screen during warming up.

Troubleshooting with the “Help” Menu

This function advises you to solve the problems during usage.

Utilizing the “Help” Menu Functions

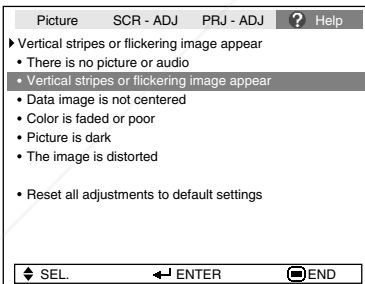
Example: When image flickering appears
 Operation to solve image flickering when projecting the computer RGB signal.



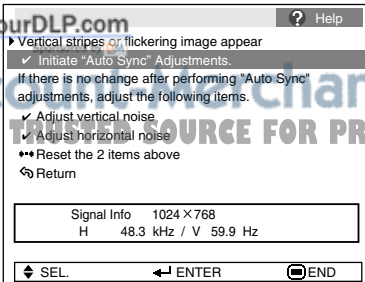
1 Press **MENU/HELP**.

2 Press **◀** or **▶** to select “Help”, then press **ENTER**.

3 Press **▲** or **▼** to select “Vertical stripes or flickering image appears” on Help menu, then press **ENTER**.



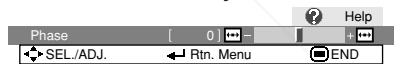
Press **ENTER**.



4 Select “Initiate “Auto Sync” Adjustments”, then press **ENTER**.

5 If the image is not improved, select “Adjust horizontal noise”, then press **ENTER**.

6 Press **◀** or **▶** to adjust.



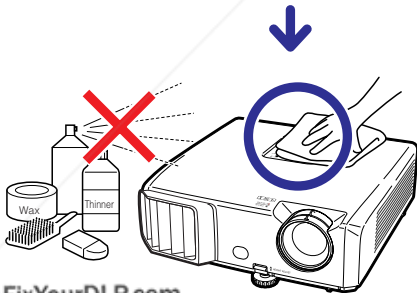
Note

- You can adjust the items with check marks (✓).
- The items in the “Help” menu change, depending on the input signal or setting that you have selected.
- If the problem is not solved, refer to “Troubleshooting” (see pages 63 and 64).**
- When selecting “sRGB” in “Picture Mode”, the item “Color is faded or poor” is not displayed. This means you cannot change input signal types.

Maintenance

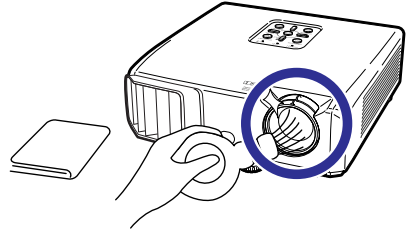
Cleaning the projector

- Ensure that you have unplugged the power cord before cleaning the projector.
- The cabinet as well as the operation panel is made of plastic. Avoid using benzene or thinner, as these can damage the finish on the cabinet.
- Do not use volatile agents such as insecticides on the projector.
Do not attach rubber or plastic items to the projector for long periods.
The effects of some of the agents in the plastic may cause damage to the quality or finish of the projector.
- Wipe off dirt gently with a soft flannel cloth.
- When the dirt is hard to remove, soak a cloth in a mild detergent diluted with water, wring the cloth well and then wipe the projector. Strong cleaning detergents may discolor, warp or damage the coating on the projector. Make sure to test on a small, inconspicuous area on the projector before use.



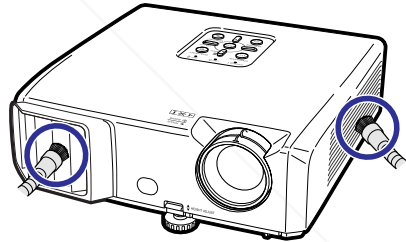
Cleaning the lens

- Use a commercially available blower or lens cleaning paper (for glasses and camera lenses) for cleaning the lens. Do not use any liquid type cleaning agents, as they may wear off the coating film on the surface of the lens.
- As the surface of the lens can easily get damaged, be careful not to scrape or hit the lens.



Cleaning the exhaust and intake vents

- Use a vacuum cleaner to clean dust from the exhaust vent and the intake vent.



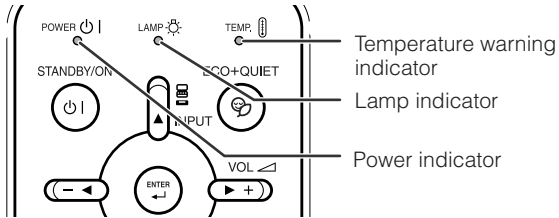
Info

- If you want to clean the air vents during projector operation, ensure you press **STANDBY/ON** on the projector or **STANDBY** on the remote control and put the projector into standby mode. After the cooling fan has stopped, clean the vents.

Maintenance Indicators

- The warning lights (power indicator, lamp indicator and temperature warning indicator) on the projector indicate problems inside the projector.
- If a problem occurs, either the temperature warning indicator or the lamp indicator will illuminate red, and the projector will enter standby mode. After the projector has entered standby mode, follow the procedures given below.

Top View



About the temperature warning indicator



If the temperature inside the projector increases, due to blockage of the air vents, or the setting location, "TEMP." will illuminate in the lower left corner of the picture. If the temperature keeps on rising, the lamp will turn off and the temperature warning indicator will blink, the cooling fan will run, and then the projector will enter standby mode. After "TEMP." appears, ensure you perform the measures described on page 51.

About the lamp indicator



- When the remaining lamp life becomes 5% or less, (yellow) and "Change The Lamp" will be displayed on the screen. When the percentage becomes 0%, it will change to (red), the lamp will automatically turn off and then the projector will automatically enter standby mode. At this time, the lamp indicator will illuminate in red.
- **If you try to turn on the projector a fourth time without replacing the lamp, the projector will not turn on.**

Indicators on the Projector

Power indicator	Green on	Normal (Standby)
	Red on	Normal (Power on)
	Green blinks	Abnormal (See page 51.)
Lamp indicator	Red blinks	Normal (Cooling)
	Green on	Normal
	Green blinks	The lamp is warming up.
	Red on	The lamp is shut down abnormally or requires to be changed. (See page 51.)
Temperature warning indicator	Off	Normal
	Red on	The internal temperature is abnormally high. (See page 51.)

	Maintenance indicator		Problem	Cause	Possible Solution
	Normal	Abnormal			
Temperature warning indicator	Off	Red on (Standby)	The internal temperature is abnormally high.	<ul style="list-style-type: none"> Blocked air intake 	<ul style="list-style-type: none"> Relocate the projector to an area with proper ventilation. (See page 8.)
				<ul style="list-style-type: none"> Cooling fan breakdown Internal circuit failure Clogged air intake 	<ul style="list-style-type: none"> Take the projector to your nearest EIKI Authorized Dealer or Service Center for repair.
Lamp indicator	Green on (Green blinks when the lamp is warming up or turning off.)	Red on (Standby)	The lamp does not illuminate.	<ul style="list-style-type: none"> The lamp is shut down abnormally. 	<ul style="list-style-type: none"> Disconnect the power cord from the AC outlet, and then connect it again.
			Time to change the lamp.	<ul style="list-style-type: none"> Remaining lamp life becomes 5% or less. 	<ul style="list-style-type: none"> Carefully replace the lamp. (See page 52.) Take the projector to your nearest EIKI Authorized Dealer or Service Center for repair. Please exercise care when replacing the lamp. Securely install the cover.
		Red on (Standby)	The lamp does not illuminate.	<ul style="list-style-type: none"> Burnt-out lamp Lamp circuit failure 	
Power indicator	Red on/ Green on Red blinks (Cooling)	Green blinks	The power indicator blinks in green when the projector is on.	<ul style="list-style-type: none"> The lamp unit cover is open. 	<ul style="list-style-type: none"> If the power indicator blinks in green even when the lamp unit cover are securely installed, contact your nearest EIKI Authorized Dealer or Service Center for advice.

 **Info**

- If the temperature warning indicator illuminates, and the projector enters standby mode, follow the possible solutions above and then wait until the projector has cooled down completely before plugging in the power cord and turning the power back on. (At least 10 minutes.)
- If the power is turned off for a brief moment due to power outage or some other cause while using the projector, and the power supply recovers immediately after that, the lamp indicator will illuminate in red and the lamp may not be lit. In this case, unplug the power cord from the AC outlet, replace the power cord in the AC outlet and then turn the power on again.
- The cooling fan keeps the internal temperature of the projector constant and this function is controlled automatically. The sound of the cooling fan may change during operation because the fan speed may change and this is not a malfunction.



Discount-Merchant.com (800) 281-8860
THE TRUSTED SOURCE FOR PROJECTOR LAMPS AND ACCESSORIES

Regarding the Lamp

Lamp

- It is recommended that the lamp (sold separately) be replaced when the remaining lamp life becomes 5% or less, or when you notice a significant deterioration in the picture and color quality. The lamp life (percentage) can be checked with the on-screen display. (See page 47.)
- Purchase a replacement lamp of type AH-62101 from your place of purchase, nearest EIKI Authorized Dealer or Service Center.

Hg LAMP CONTAINS MERCURY For State Lamp Disposal Information

www.lamprecycle.org or 1-800-242-3454

U.S.A. ONLY

Caution Concerning the Lamp

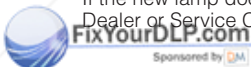
- This projector utilizes a pressurized mercury lamp. A loud sound may indicate lamp failure. Lamp failure can be attributed to numerous sources such as: excessive shock, improper cooling, surface scratches or deterioration of the lamp due to a lapse of usage time. The period of time up to failure largely varies depending on the individual lamp and/or the condition and the frequency of use. It is important to note that failure can often result in the bulb cracking.
- When the lamp replacement indicator and on-screen display icon are illuminated, it is recommended that the lamp be replaced with a new one immediately, even if the lamp appears to be operating normally.
- Should the lamp break, there is also a possibility that glass particles may spread inside of the projector. In such a case, it is recommended you contact your nearest EIKI Authorized Dealer or Service Center to assure safe operation.
- Should the lamp break, the glass particles may spread inside the lamp cage or gas contained in the lamp may be vented into the room from the exhaust vent. Because the gas in this lamp includes mercury, ventilate the room well if the lamp breaks and avoid all exposure to the released gas. In case of exposure to the gas, consult a doctor as soon as possible.

Replacing the Lamp

Caution

- Do not remove the lamp unit from the projector right after use. The lamp will be very hot and may cause burns or injury.
- Wait at least one hour after the power cord is disconnected to allow the surface of the lamp unit to fully cool before removing the lamp unit.
- **Carefully change the lamp by following the instructions described in this section. * If you wish, you may have the lamp replaced at your nearest EIKI Authorized Dealer or Service Center.**

* If the new lamp does not light after replacement, take your projector to the nearest EIKI Authorized Dealer or Service Center for repair.



Discount-Merchant.com (800) 281-8860
THE TRUSTED SOURCE FOR PROJECTOR LAMPS AND ACCESSORIES

Removing and Installing the Lamp Unit

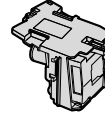
Warning!

- Do not remove the lamp unit from the projector right after use. The lamp and parts around the lamp will be very hot and may cause burns or injury.

Info

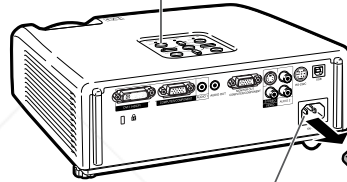
- Do not touch the glass surface of the lamp unit or the inside of the projector.
- To avoid injury to yourself and damage to the lamp, make sure you carefully follow the steps below.
- Do not loosen other screws except for the lamp unit cover and lamp unit.

Optional
accessory



Lamp unit
AH-62101

STANDBY/ON button



AC socket

1 Press **STANDBY/ON** on the projector or **STANDBY** on the remote control to put the projector into standby mode.

- Wait until the cooling fan stops.

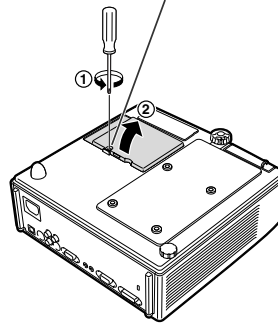
2 Disconnect the power cord.

- Unplug the power cord from the AC socket.
- Leave the lamp until it has fully cooled down (about 1 hour).

3 Remove the lamp unit cover.

- Turn the projector over. Loosen the user service screw (1) that secures the lamp unit cover. Remove the lamp unit cover (2).

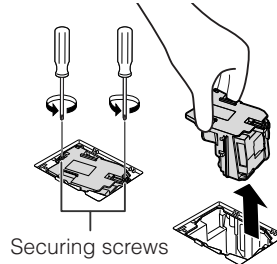
User service screw
(for lamp unit cover)



Regarding the Lamp (Continued)

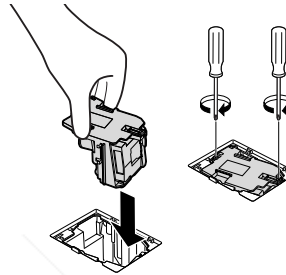
4 Remove the lamp unit.

- Loosen the securing screws from the lamp unit. Hold the lamp unit and pull it in the direction of the arrow. At this time, keep the lamp unit horizontal and do not tilt it.



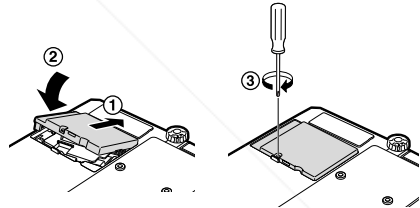
5 Insert the new lamp unit.

- Press the lamp unit firmly into the lamp unit compartment. Fasten the securing screws.



6 Replace the lamp unit cover.

- Align the tab on the lamp unit cover (1) and place it while pressing the tab (2) to close it. Then tighten the user service screw (3) to secure the lamp unit cover.



Info

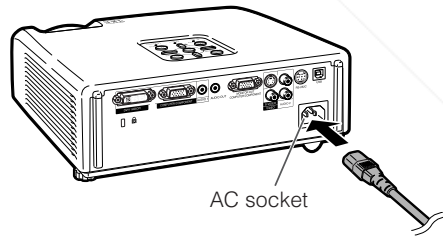
- If the lamp unit and lamp unit cover are not correctly installed, the power will not turn on, even if the power cord is connected to the projector.

Resetting the Lamp Timer

Reset the lamp timer after replacing the lamp.

Info

- Make sure to reset the lamp timer only when replacing the lamp. If you reset the lamp timer and continue to use the same lamp, this may cause the lamp to become damaged or explode.

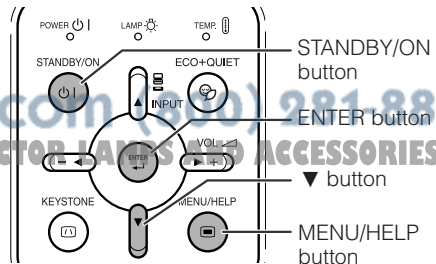


1 Connect the power cord.

- Plug the power cord into the AC socket of the projector.

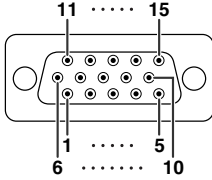
2 Reset the lamp timer.

- While simultaneously holding down **MENU/HELP**, **ENTER** and **▼** on the projector, press **STANDBY/ON** on the projector.
- "LAMP 0000H" is displayed, indicating that the lamp timer is reset.



Connecting Pin Assignments

COMPUTER/COMPONENT input and COMPUTER/COMPONENT output Terminals : mini D-sub 15 pin female connector



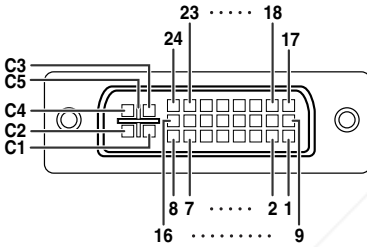
COMPUTER Input/Output

- | Pin No. | Signal |
|---------|-----------------------------------|
| 1. | Video input (red) |
| 2. | Video input (green/sync on green) |
| 3. | Video input (blue) |
| 4. | Not connected |
| 5. | Not connected |
| 6. | Earth (red) |
| 7. | Earth (green/sync on green) |
| 8. | Earth (blue) |
| 9. | Not connected |
| 10. | GND |
| 11. | Not connected |
| 12. | Bi-directional data |
| 13. | Horizontal sync signal: TTL level |
| 14. | Vertical sync signal: TTL level |
| 15. | Data clock |

COMPONENT Input/Output

- | Pin No. | Signal |
|---------|---------------|
| 1. | PR (CR) |
| 2. | Y |
| 3. | PB (CB) |
| 4. | Not connected |
| 5. | Not connected |
| 6. | Earth (PR) |
| 7. | Earth (Y) |
| 8. | Earth (PB) |
| 9. | Not connected |
| 10. | Not connected |
| 11. | Not connected |
| 12. | Not connected |
| 13. | Not connected |
| 14. | Not connected |
| 15. | Not connected |

DVI-I Terminal : 29 pin connector (EIP-2600 only)



• DVI Digital Input

- | Pin No. | Signal |
|---------|-----------------------|
| 1. | T.M.D.S data 2- |
| 2. | T.M.D.S data 2+ |
| 3. | T.M.D.S data 2 shield |
| 4. | Not connected |
| 5. | Not connected |
| 6. | DDC clock |
| 7. | DDC data |
| 8. | Not connected |
| 9. | T.M.D.S data 1- |
| 10. | T.M.D.S data 1+ |
| 11. | T.M.D.S data 1 shield |
| 12. | Not connected |
| 13. | Not connected |
| 14. | +5V power |
| 15. | Ground |

Pin No. Signal

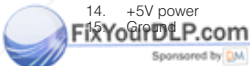
- | | |
|-----|-----------------------|
| 16. | Hot plug detection |
| 17. | T.M.D.S data 0- |
| 18. | T.M.D.S data 0+ |
| 19. | T.M.D.S data 0 shield |
| 20. | Not connected |
| 21. | Not connected |
| 22. | T.M.D.S clock shield |
| 23. | T.M.D.S clock+ |
| 24. | T.M.D.S clock- |
| C1. | Not connected |
| C2. | Not connected |
| C3. | Not connected |
| C4. | Not connected |
| C5. | Ground |

• DVI Analog RGB Input

- | Pin No. | Signal | Pin No. | Signal |
|---------|---------------|---------|------------------------------------|
| 1. | Not connected | 16. | Hot plug detection |
| 2. | Not connected | 17. | Not connected |
| 3. | Not connected | 18. | Not connected |
| 4. | Not connected | 19. | Not connected |
| 5. | Not connected | 20. | Not connected |
| 6. | DDC clock | 21. | Not connected |
| 7. | DDC data | 22. | Not connected |
| 8. | Vertical sync | 23. | Not connected |
| 9. | Not connected | 24. | Not connected |
| 10. | Not connected | C1. | Analog input Red |
| 11. | Not connected | C2. | Analog input Green (Sync On Green) |
| 12. | Not connected | C3. | Analog input Blue |
| 13. | Not connected | C4. | Horizontal sync (Composite Sync) |
| 14. | +5V power | C5. | Ground |
| 15. | Ground | | |

• DVI Analog Component Input

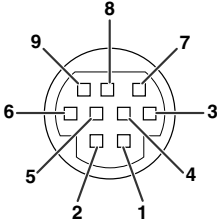
- | Pin No. | Signal | Pin No. | Signal |
|---------|---------------|---------|--------------------|
| 1. | Not connected | 16. | Not connected |
| 2. | Not connected | 17. | Not connected |
| 3. | Not connected | 18. | Not connected |
| 4. | Not connected | 19. | Not connected |
| 5. | Not connected | 20. | Not connected |
| 6. | Not connected | 21. | Not connected |
| 7. | Not connected | 22. | Not connected |
| 8. | Not connected | 23. | Not connected |
| 9. | Not connected | 24. | Not connected |
| 10. | Not connected | C1. | Analog input Pr/Cr |
| 11. | Not connected | C2. | Analog input Y |
| 12. | Not connected | C3. | Analog input Pb/Cb |
| 13. | Not connected | C4. | Not connected |
| 14. | Not connected | C5. | Ground |
| 15. | Ground | | |



Discount-Merchant.com (800) 281-8860
THE TRUSTED SOURCE FOR PROJECTOR LAMPS AND ACCESSORIES

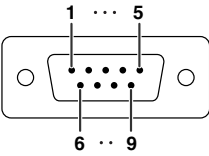
Connecting Pin Assignments (Continued)

RS-232C Terminal : mini DIN 9 pin female connector



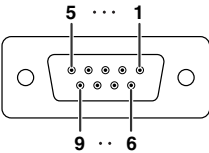
Pin No.	Signal	Name	I/O	Reference
1.				Not connected
2.	RD	Receive Data	Input	Connected to internal circuit
3.	SD	Send Data	Output	Connected to internal circuit
4.				Not connected
5.	SG	Signal Ground		Connected to internal circuit
6.				Not connected
7.	RS	Request to Send		Connected to CS in internal circuit
8.	CS	Clear to Send		Connected to RS in internal circuit
9.				Not connected

RS-232C Terminal : D-sub 9 pin male connector of the DIN-D-sub RS-232C adaptor



Pin No.	Signal	Name	I/O	Reference
1.				Not connected
2.	RD	Receive Data	Input	Connected to internal circuit
3.	SD	Send Data	Output	Connected to internal circuit
4.				Not connected
5.	SG	Signal Ground		Connected to internal circuit
6.				Not connected
7.	RS	Request to Send		Connected to CS in internal circuit
8.	CS	Clear to Send		Connected to RS in internal circuit
9.				Not connected

RS-232C Cable recommended connection : D-sub 9 pin female connector



Pin No.	Signal	Pin No.	Signal
1.	CD	1.	CD
2.	RD	2.	RD
3.	SD	3.	SD
4.	ER	4.	ER
5.	SG	5.	SG
6.	DR	6.	DR
7.	RS	7.	RS
8.	CS	8.	CS
9.	CI	9.	CI

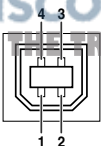


Note

- Depending on the controlling device used, it may be necessary to connect Pin 4 and Pin 6 on the controlling device (e.g. computer).



USB Terminal : Type B USB connector



Pin No.	Signal	Name
1.	VCC	USB power
2.	USB-	USB data-
3.	USB+	USB data+
4.	SG	Signal Ground

Discount-Merchant.com (800) 281-8860
 TRUSTED SOURCE FOR PROJECTOR LAMPS AND ACCESSORIES

RS-232C Specifications and Commands

Computer control

A computer can be used to control the projector by connecting an RS-232C serial control cable (cross type, commercially available) to the projector. (See page 24 for connection.)

Communication conditions

Set the serial port settings of the computer to match that of the table.

Signal format: Conforms to RS-232C standard.

Parity bit: None

Baud rate*: 9,600 bps / 115,200 bps

Stop bit: 1 bit

Data length: 8 bits

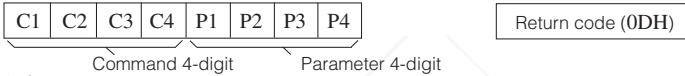
Flow control: None

*Set the projector's baud rate to the same rate as used by the computer.

Basic format

Commands from the computer are sent in the following order: command, parameter, and return code. After the projector processes the command from the computer, it sends a response code to the computer.

Command format



Response code format

Normal response



Problem response (communication error or incorrect command)



Info

- When controlling the projector using RS-232C commands from a computer, wait for at least 30 seconds after the power has been turned on, and then transmit the commands.
- After sending an input selection or picture adjustment command and then receiving an "OK" response code, the projector may take some time to process the command. If a second command is sent while the projector is still processing the first command, you may receive an "ERR" response code. If this happens, try resending the second command.
- When more than one code is being sent, send each command only after the response code for the previous command from the projector is verified.
- "POWER?????" "TABN ___ 1" "TLPS ___ 1" "TPOW ___ 1" "TLPN ___ 1" "TLTT ___ 1" "TLTM ___ 1" "TLTL ___ 1" "TNAM ___ 1" "MNRD ___ 1" "PJNO ___ 1"
 - When the projector receives the special commands shown above:
 - * The on-screen display will not disappear.
 - * The "Auto Power Off" timer will not be reset.
 - The special commands are available for applications that require continuous polling.

FixYourDLP.com

Sponsored by

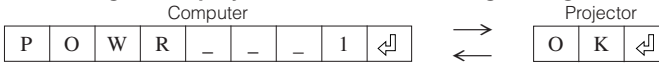
Note

- If an underbar (_) appears in the parameter column, enter a space.
- If an asterisk (*) appears in the parameter column, enter a value in the range indicated in brackets under Control Contents.
 - *1 For setting the projector name, send the commands in the order of PJN1, PJN2 and PJN3.
 - *2 This command should be sent only after the "IRGB ___ 2" command is sent and an "OK" response code is received.
 - *3 The Lamp Timer Reset command is available only in standby mode.

RS-232C Specifications and Commands (Continued)

Commands

Example: When turning on the projector, make the following setting.





CONTROL CONTENTS		COMMAND	PARAMETER	RETURN			
				Power ON	Standby mode (or 30-second startup time)		
Power	On	P O W R	- - - 1	OK or ERR	OK		
	Off	P O W R	- - - 0	OK	OK or ERR		
	Status	P O W R	? ? ? ?	1	0		
Projector Condition		T A B N	- - - 1	0: Normal 1: Temp High 8: Lamp Life 5% or less 16: Lamp Burn-out 32: Lamp Ignition Failure	0: Normal 1: Temp High 2: Fan Error 4: Cover Open 8: Lamp Life 5% or less 16: Lamp Burn-out 32: Lamp Ignition Failure 64: Temp Abnormally High		
Lamp	Status	T L P S	- - - 1	0:Off, 1:On, 2:Retry 3:Waiting, 4:Lamp Error	0:Off, 4:Lamp Error		
	Power Status	T P O W	- - - 1	1:On, 2:Cooling	0:Standby		
	Quantity	T L P N	- - - 1	1			
	Usage Time(Hour)	T L T T	- - - 1	0 - 9999(Integer)			
	Usage Time(Minute)	T L T M	- - - 1	0, 15, 30, 45			
	Life(Percentage)	T L T L	- - - 1	0% - 100%(Integer)			
Name	Model Name Check	T N A M	- - - 1	EIP2600/EIP250			
	Model Name Check	M N R D	- - - 1	EIP-2600/EIP-250			
	Projector Name Setting 1 (First 4 characters) *1	P J N 1	** * *	OK or ERR			
	Projector Name Setting 2 (Middle 4 characters) *1	P J N 2	** * *	OK or ERR			
	Projector Name Setting 3 (Last 4 characters) *1	P J N 3	** * *	OK or ERR			
	Projector Name Check	P J N 0	- - - 1	Projector Name			
Input Change	Computer	I R G B	- - - 1	OK or ERR	ERR		
	DVI	I R G B	- - - 2	OK or ERR	ERR		
	DVI-D-Computer select *2	I B D S	- - - 1	OK or ERR	ERR		
	DVI-D-Video select *2	I B D S	- - - 2	OK or ERR	ERR		
	DVI-Analog select *2	I B D S	- - - 3	OK or ERR	ERR		
	S-Video	I V E D	- - - 1	OK or ERR	ERR		
	Video	I V E D	- - - 2	OK or ERR	ERR		
	Input RGB Check	I R G B ? ? ? ?	1: Computer, 2: DVI (EIP-2600 only) or ERR	ERR			
	Input Video Check	I V E D ? ? ? ?	1: S-Video, 2: Video or ERR	ERR			
	Input Mode Check	I M O D ? ? ? ?	1: RGB, 2: Video	ERR			
	Input Check	I C H K ? ? ? ?	1: Computer 2: DVI (EIP-2600 only) 3: S-Video 4: Video	ERR			
Volume	Volume(0 - 60)	V O L A	- - * *	OK or ERR	ERR		
	Volume up/down(-10 - +10)	V O U D	- * * *	OK or ERR	ERR		
Keystone	-80 - +80 (XGA)/-40 - +40 (SVGA)	K E Y S	* * * *	OK or ERR	ERR		
AV Mute	On	I M B K	- - - 1	OK or ERR	ERR		
	Off	I M B K	- - - 0	OK or ERR	ERR		
Freeze	On	F R E Z	- - - 1	OK or ERR	ERR		
	Off	F R E Z	- - - 0	OK or ERR	ERR		
Auto Sync	Start	A D J S	- - - 1	OK or ERR	ERR		
	Computer	Normal	R A S R	- - - 1	OK or ERR	ERR	
		Stretch	R A S R	- - - 2	OK or ERR	ERR	
		Dot By Dot	R A S R	- - - 3	OK or ERR	ERR	
		Full	R A S R	- - - 5	OK or ERR	ERR	
		Border	R A S R	- - - 6	OK or ERR	ERR	
		Area Zoom	R A S R	- - - 10	OK or ERR	ERR	
		V-Stretch	R A S R	- - - 1	OK or ERR	ERR	
		DVI	Normal	R B S R	- - - 1	OK or ERR	ERR
			Stretch	R B S R	- - - 2	OK or ERR	ERR
			Dot By Dot	R B S R	- - - 3	OK or ERR	ERR
	Full		R B S R	- - - 5	OK or ERR	ERR	
	Border		R B S R	- - - 6	OK or ERR	ERR	
	Area Zoom		R B S R	- - - 10	OK or ERR	ERR	
	V-Stretch		R B S R	- - - 11	OK or ERR	ERR	

□ is only for EIP-2600.

CONTROL CONTENTS			COMMAND	PARAMETER	RETURN		
					Power ON	Standby mode (or 30-second startup time)	
Resize	S-Video	Normal	R A S V	-- -- 1	OK or ERR	ERR	
		Stretch	R A S V	-- -- 2	OK or ERR	ERR	
		Border	R A S V	-- -- 3	OK or ERR	ERR	
		Area Zoom	R A S V	-- 1 0	OK or ERR	ERR	
		V-Stretch	R A S V	-- 1 1	OK or ERR	ERR	
	Video	Normal	R B S V	-- -- 1	OK or ERR	ERR	
		Stretch	R B S V	-- -- 2	OK or ERR	ERR	
		Border	R B S V	-- -- 3	OK or ERR	ERR	
		Area Zoom	R B S V	-- 1 0	OK or ERR	ERR	
		V-Stretch	R B S V	-- 1 1	OK or ERR	ERR	
ALL Reset		A L R E	-- -- 1	OK or ERR	ERR		
Computer INPUT	Picture Mode	Standard	R A P S	-- -- 1 0	OK or ERR	ERR	
		Presentation	R A P S	-- -- 1 1	OK or ERR	ERR	
		Movie	R A P S	-- -- 1 2	OK or ERR	ERR	
		Game	R A P S	-- -- 1 3	OK or ERR	ERR	
		sRGB	R A P S	-- -- 1 4	OK or ERR	ERR	
	Contrast	-30 -- +30	R A P I	-- * * *	OK or ERR	ERR	
	Bright	-30 -- +30	R A B R	-- * * *	OK or ERR	ERR	
	Red	-30 -- +30	R A R D	-- * * *	OK or ERR	ERR	
	Blue	-30 -- +30	R A B E	-- * * *	OK or ERR	ERR	
	Color	-30 -- +30	R A C O	-- * * *	OK or ERR	ERR	
	Tint	-30 -- +30	R A T I	-- * * *	OK or ERR	ERR	
	Sharp	-30 -- +30	R A S H	-- * * *	OK or ERR	ERR	
	CLR Temp	-1 -- +1	R A C T	-- * * *	OK or ERR	ERR	
	BrilliantColor™ (EIP-2600)	0 -- +2	R A W E	-- -- * *	OK or ERR	ERR	
	Bright Boost (EIP-250)						
	Progressive	2D Progressive	R A I P	-- -- 0	OK or ERR	ERR	
		3D Progressive	R A I P	-- -- 1	OK or ERR	ERR	
	Film Mode		R A I P	-- -- 2	OK or ERR	ERR	
			R A I P	-- -- 3	OK or ERR	ERR	
	DNR	Off	R A N R	-- -- 0	OK or ERR	ERR	
		Level 1	R A N R	-- -- 1	OK or ERR	ERR	
		Level 2	R A N R	-- -- 2	OK or ERR	ERR	
	Picture Reset		R A R E	-- -- 1	OK or ERR	ERR	
			R A R E	-- -- 2	OK or ERR	ERR	
	Signal Type	Auto	I A S I	-- -- 0	OK or ERR	ERR	
		RGB	I A S I	-- -- 1	OK or ERR	ERR	
Component		I A S I	-- -- 2	OK or ERR	ERR		
Audio Input	Audio 1	R A A I	-- -- 1	OK or ERR	ERR		
	Audio 2	R A A I	-- -- 2	OK or ERR	ERR		
DVI INPUT	Picture Mode	Standard	R B P S	-- -- 1 0	OK or ERR	ERR	
		Presentation	R B P S	-- -- 1 1	OK or ERR	ERR	
		Movie	R B P S	-- -- 1 2	OK or ERR	ERR	
		Game	R B P S	-- -- 1 3	OK or ERR	ERR	
		sRGB	R B P S	-- -- 1 4	OK or ERR	ERR	
	Contrast	-30 -- +30	R B P I	-- * * *	OK or ERR	ERR	
	Bright	-30 -- +30	R B B R	-- * * *	OK or ERR	ERR	
	Red	-30 -- +30	R B R D	-- * * *	OK or ERR	ERR	
	Blue	-30 -- +30	R B B E	-- * * *	OK or ERR	ERR	
	Color	-30 -- +30	R B C O	-- * * *	OK or ERR	ERR	
	Tint	-30 -- +30	R B T I	-- * * *	OK or ERR	ERR	
	Sharp	-30 -- +30	R B S H	-- * * *	OK or ERR	ERR	
	CLR Temp	-1 -- +1	R B C T	-- * * *	OK or ERR	ERR	
	BrilliantColor™ (EIP-2600)	0 -- +2	R B W E	-- -- * *	OK or ERR	ERR	
	Bright Boost (EIP-250)						
	Progressive	2D Progressive	R B I P	-- -- 0	OK or ERR	ERR	
		3D Progressive	R B I P	-- -- 1	OK or ERR	ERR	
	Film Mode		R B I P	-- -- 2	OK or ERR	ERR	
			R B I P	-- -- 3	OK or ERR	ERR	
	DNR	Off	R B N R	-- -- 0	OK or ERR	ERR	
		Level 1	R B N R	-- -- 1	OK or ERR	ERR	
		Level 2	R B N R	-- -- 2	OK or ERR	ERR	
	Picture Reset		R B R E	-- -- 1	OK or ERR	ERR	
			R B R E	-- -- 2	OK or ERR	ERR	
	Signal Type	Auto	I B S I	-- -- 0	OK or ERR	ERR	
		RGB	I B S I	-- -- 1	OK or ERR	ERR	
Component		I B S I	-- -- 2	OK or ERR	ERR		
Audio Input	Audio 1	R B A I	-- -- 1	OK or ERR	ERR		
	Audio 2	R B A I	-- -- 2	OK or ERR	ERR		
Dynamic Range	Auto	H M B D	-- -- 0	OK or ERR	ERR		
	Standard	H M B D	-- -- 1	OK or ERR	ERR		
	Enhanced	H M B D	-- -- 2	OK or ERR	ERR		

is only for EIP-2600.




FixYourDLP.com
 Sponsored by 

Discount-Merchants.com (800) 831-8860
 THE TRUSTED SOURCE FOR PROJECTOR, MONITOR AND ACCESSORIES

RS-232C Specifications and Commands (Continued)

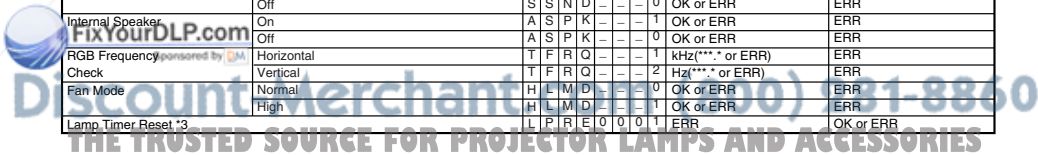
CONTROL CONTENTS			COMMAND	PARAMETER	RETURN		
					Power ON	Standby mode (or 30-second startup time)	
S-Video INPUT	Picture Mode	Standard	V A P S	- - - 1 0	OK or ERR	ERR	
		Presentation	V A P S	- - - 1 1	OK or ERR	ERR	
		Movie	V A P S	- - - 1 2	OK or ERR	ERR	
		Game	V A P S	- - - 1 3	OK or ERR	ERR	
	Contrast	-30 ~ +30	V A P I	- * * *	OK or ERR	ERR	
		Bright	V A B R	- * * *	OK or ERR	ERR	
	Red	-30 ~ +30	V A R D	- * * *	OK or ERR	ERR	
		Blue	V A B E	- * * *	OK or ERR	ERR	
	Color	-30 ~ +30	V A C O	- * * *	OK or ERR	ERR	
		Tint	V A T I	- * * *	OK or ERR	ERR	
	Sharp	-30 ~ +30	V A S H	- * * *	OK or ERR	ERR	
		CLR Temp	V A C T	- * * *	OK or ERR	ERR	
	BrilliantColor™ (EIP-2600) Bright Boost (EIP-250)	0 ~ +2	V A W E	- - - *	OK or ERR	ERR	
		Progressive	2D Progressive	V A I P	- - - 0	OK or ERR	ERR
	3D Progressive		V A I P	- - - 1	OK or ERR	ERR	
	Film Mode		V A I P	- - - 2	OK or ERR	ERR	
	DNR	Off	V A N R	- - - 0	OK or ERR	ERR	
		Level 1	V A N R	- - - 1	OK or ERR	ERR	
		Level 2	V A N R	- - - 2	OK or ERR	ERR	
	Picture Reset		V A R E	- - - 1	OK or ERR	ERR	
	Audio Input	Audio 1	V A A I	- - - 1	OK or ERR	ERR	
		Audio 2	V A A I	- - - 2	OK or ERR	ERR	
	Video INPUT	Picture Mode	Standard	V B P S	- - - 1 0	OK or ERR	ERR
			Presentation	V B P S	- - - 1 1	OK or ERR	ERR
Movie			V B P S	- - - 1 2	OK or ERR	ERR	
Game			V B P S	- - - 1 3	OK or ERR	ERR	
Contrast		-30 ~ +30	V B P I	- * * *	OK or ERR	ERR	
		Bright	V B B R	- * * *	OK or ERR	ERR	
Red		-30 ~ +30	V B R D	- * * *	OK or ERR	ERR	
		Blue	V B B E	- * * *	OK or ERR	ERR	
Color		-30 ~ +30	V B C O	- * * *	OK or ERR	ERR	
		Tint	V B T I	- * * *	OK or ERR	ERR	
Sharp		-30 ~ +30	V B S H	- * * *	OK or ERR	ERR	
		CLR Temp	V B C T	- * * *	OK or ERR	ERR	
BrilliantColor™ (EIP-2600) Bright Boost (EIP-250)		0 ~ +2	V B W E	- - - *	OK or ERR	ERR	
		Progressive	2D Progressive	V B I P	- - - 0	OK or ERR	ERR
3D Progressive			V B I P	- - - 1	OK or ERR	ERR	
Film Mode			V B I P	- - - 2	OK or ERR	ERR	
DNR		Off	V B N R	- - - 0	OK or ERR	ERR	
		Level 1	V B N R	- - - 1	OK or ERR	ERR	
		Level 2	V B N R	- - - 2	OK or ERR	ERR	
Picture Reset			V B R E	- - - 1	OK or ERR	ERR	
Audio Input		Audio 1	V B A I	- - - 1	OK or ERR	ERR	
		Audio 2	V B A I	- - - 2	OK or ERR	ERR	
C.M.S. Setting		On	C M C S	- - - 1 1	OK or ERR	ERR	
		Off	C M C S	- - - 0 0	OK or ERR	ERR	
C.M.S.	Hue	Red	C M H R	- * * *	OK or ERR	ERR	
		Yellow	C M H Y	- * * *	OK or ERR	ERR	
		Green	C M H G	- * * *	OK or ERR	ERR	
		Cyan	C M H C	- * * *	OK or ERR	ERR	
		Blue	C M H B	- * * *	OK or ERR	ERR	
		Magenta	C M H M	- * * *	OK or ERR	ERR	
		Reset	C M R E	- - - 2	OK or ERR	ERR	
	Saturation	Red	C M S R	- * * *	OK or ERR	ERR	
		Yellow	C M S Y	- * * *	OK or ERR	ERR	
		Green	C M S G	- * * *	OK or ERR	ERR	
		Cyan	C M S C	- * * *	OK or ERR	ERR	
		Blue	C M S B	- * * *	OK or ERR	ERR	
		Magenta	C M S M	- * * *	OK or ERR	ERR	
		Reset	C M R E	- - - 3	OK or ERR	ERR	
	Value	Red	C M V R	- * * *	OK or ERR	ERR	
		Yellow	C M V Y	- * * *	OK or ERR	ERR	
		Green	C M V G	- * * *	OK or ERR	ERR	
		Cyan	C M V C	- * * *	OK or ERR	ERR	
		Blue	C M V B	- * * *	OK or ERR	ERR	
		Magenta	C M V M	- * * *	OK or ERR	ERR	
		Reset	C M R E	- - - 4	OK or ERR	ERR	
	C.M.S. All Reset		C M R E	- - - 1	OK or ERR	ERR	

□ is only for EIP-2600.


FixYourDLP.com
 Sponsored by 

Discount-Merchant.com (800) 531-8860
 THE TRUSTED SOURCE FOR PROJECTOR PARTS AND ACCESSORIES

CONTROL CONTENTS		COMMAND	PARAMETER	RETURN	
				Power ON	Standby mode (or 30-second startup time)
Clock	-150 – +150	I N C L	* * * *	OK or ERR	ERR
Phase	-30 – +30	I N P H	- * * *	OK or ERR	ERR
H-position	-150 – +150	I A H P	* * * *	OK or ERR	ERR
V-position	-60 – +60	I A V P	- * * *	OK or ERR	ERR
Fine Sync Adjustment Reset		I A R E	- - - - 1	OK or ERR	ERR
Image Shift	-96 – +96 (XGA)/-75 – +75 (SVGA)	L N D S	- * * *	OK or ERR	ERR
OSD Display	On	I M D I	- - - - 1	OK or ERR	ERR
	Off	I M D I	- - - - 0	OK or ERR	ERR
Closed Caption	Off	C L C A	- - - - 0	OK or ERR	ERR
	CC1	C L C A	- - - - 1	OK or ERR	ERR
	CC2	C L C A	- - - - 2	OK or ERR	ERR
Video System	Auto	M E S Y	- - - - 1	OK or ERR	ERR
	PAL	M E S Y	- - - - 2	OK or ERR	ERR
	SECAM	M E S Y	- - - - 3	OK or ERR	ERR
	NTSC4.43	M E S Y	- - - - 4	OK or ERR	ERR
	NTSC3.58	M E S Y	- - - - 5	OK or ERR	ERR
	PAL-M	M E S Y	- - - - 6	OK or ERR	ERR
	PAL-N	M E S Y	- - - - 7	OK or ERR	ERR
	PAL-60	M E S Y	- - - - 8	OK or ERR	ERR
Background	Logo	I M B G	- - - - 1	OK or ERR	ERR
	Blue	I M B G	- - - - 3	OK or ERR	ERR
	None	I M B G	- - - - 4	OK or ERR	ERR
Lamp Setting	Bright	T H M D	- - - - 0	OK or ERR	ERR
	Eco + Quiet	T H M D	- - - - 1	OK or ERR	ERR
Auto Sync	On	A A D J	- - - - 1	OK or ERR	ERR
	Off	A A D J	- - - - 0	OK or ERR	ERR
Auto Power Off	On	A P O W	- - - - 1	OK or ERR	ERR
	Off	A P O W	- - - - 0	OK or ERR	ERR
Auto Restart	On	A R E S	- - - - 1	OK or ERR	ERR
	Off	A R E S	- - - - 0	OK or ERR	ERR
STANDBY Mode	Standard	M O U T	- - - - 1	OK or ERR	ERR
	Eco	M O U T	- - - - 0	OK or ERR	ERR
PRJ Mode	Reverse	I M R E	- - - - 1	OK or ERR	ERR
	Off	I M R E	- - - - 0	OK or ERR	ERR
	Invert	I M I N	- - - - 1	OK or ERR	ERR
	Off	I M I N	- - - - 0	OK or ERR	ERR
Language	English	M E L A	- - - - 1	OK or ERR	ERR
	Deutsch	M E L A	- - - - 2	OK or ERR	ERR
	Español	M E L A	- - - - 3	OK or ERR	ERR
	Nederlands	M E L A	- - - - 4	OK or ERR	ERR
	Français	M E L A	- - - - 5	OK or ERR	ERR
	Italiano	M E L A	- - - - 6	OK or ERR	ERR
	Svenska	M E L A	- - - - 7	OK or ERR	ERR
	日本語	M E L A	- - - - 8	OK or ERR	ERR
	Português	M E L A	- - - - 9	OK or ERR	ERR
	汉语	M E L A	- - - - 10	OK or ERR	ERR
	한국어	M E L A	- - - - 11	OK or ERR	ERR
	Русский	M E L A	- - - - 12	OK or ERR	ERR
	عربي	M E L A	- - - - 13	OK or ERR	ERR
	polSKI	M E L A	- - - - 14	OK or ERR	ERR
	Türkçe	M E L A	- - - - 15	OK or ERR	ERR
	فارسی	M E L A	- - - - 16	OK or ERR	ERR
	Magyer	M E L A	- - - - 17	OK or ERR	ERR
Setup Guide	On	S E G U	- - - - 1	OK or ERR	ERR
	Off	S E G U	- - - - 0	OK or ERR	ERR
System Sound	On	S S N D	- - - - 1	OK or ERR	ERR
	Off	S S N D	- - - - 0	OK or ERR	ERR
Internal Speaker	On	A S P K	- - - - 1	OK or ERR	ERR
	Off	A S P K	- - - - 0	OK or ERR	ERR
RGB Frequency Check	Horizontal	T F R Q	- - - - 1	kHz(*,*,* or ERR)	ERR
	Vertical	T F R Q	- - - - 2	Hz(*,*,* or ERR)	ERR
Fan Mode	Normal	H L M D	- - - - 1	OK or ERR	ERR
	High	H L M D	- - - - 0	OK or ERR	ERR
Lamp Timer Reset *3		L P R E	0 0 0 1	ERR	OK or ERR


Discount Merchant (800) 831-8860
 THE TRUSTED SOURCE FOR PROJECTOR LAMPS AND ACCESSORIES

Computer Compatibility Chart

Computer

- Multiple signal support
- Horizontal Frequency: 15-110 kHz,
- Vertical Frequency: 45-85 Hz,
- Pixel Clock: 12-170 MHz
- Sync signal: Compatible with TTL level
- Compatible with sync on green signal

The following is a list of modes that conform to VESA. However, this projector supports other signals that are not VESA standards.

PC/MAC	Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	VESA Standard	* DVI-D Support	Display			
						EIP-2600	EIP-250		
PC	VGA	640 × 350	27.0	60		✓	Upscale	Upscale	
			31.5	70					
			37.5	85	✓				
		640 × 400	27.0	60					
			31.5	70					
			37.9	85	✓				
		720 × 350	27.0	60					
			31.5	70					
			27.0	60					
		640 × 480	27.0	60					
			31.5	70					
			37.9	85	✓				
	26.2		50						
	31.5		60	✓					
	34.7		70						
	37.9		72	✓					
	37.5		75	✓					
	43.3		85	✓					
	31.4		50						
	35.2		56						
	37.9		60	✓					
	SVGA	800 × 600	46.6	70					
			48.1	72	✓				
			46.9	75	✓				
			53.7	85	✓				
			40.3	50					
			48.4	60					
			56.5	70	✓				
			60.0	75	✓				
			68.7	85	✓				
			45.0	60					
			47.8	60					
			49.7	60	✓				
WXGA	1280 × 800	62.8	75	✓					
		47.7	60	✓					
		47.8	60						
		55.0	60						
		66.2	70						
		67.5	75	✓					
SXGA	1152 × 864	64.0	60	✓					
		80.0	75	✓					
		80.0	75	✓					
SXGA+	1400 × 1050	64.0	60						
		65.3	60	✓					
		75.0	60	✓					
UXGA	1600 × 1200	67	60						
		67	60						
MAC 13"	VGA	640 × 480	34.9	67					
MAC 16"	SVGA	832 × 624	49.7	75					
MAC 19"	XGA	1024 × 768	60.2	75					
MAC 21"	SXGA	1152 × 870	68.7	75					
						Upscale	Upscale		
						True	Intelligent Compression		
						Intelligent Compression	Intelligent Compression		

* EIP-2600 only

Note




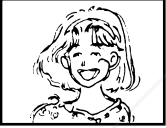

- When this projector receives 640 × 350 VESA format VGA signals, "640 × 400" appears on the screen.
 - Optimum image quality will be achieved by matching your computer's output resolution to the resolution that corresponds to "True" in the "Display" column shown above.
 - When "Screen resolution" of the computer is different from the resolution displayed on the projected image, follow the procedures shown below.
 - Refer to "Select the resolution" for "Data image is not centered" on the Help menu and select the same resolution as the resolution in "Screen resolution" of the computer.
- Depending on the computer you are using, the output signal may not be faithful to the "Screen resolution" adjustment. Check the settings of the computer's signal output. If the settings cannot be changed, it is recommended that the resolution be set to the one that corresponds to "True" in the "Display" column.

DTV

Signal	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	* DVI-D Support (Compatible with HDCP)	Signal	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	* DVI-D Support (Compatible with HDCP)
480I	15.7	60		720P	45.0	60	✓
480P	31.5	60	✓	1035I	33.8	60	✓
540P	33.8	60		1080I	28.1	50	✓
576I	15.6	50		1080I	33.8	60	✓
576P	31.3	50	✓	1080P	56.3	50	✓
720P	37.5	50	✓	1080P	67.5	60	✓

* EIP-2600 only

Troubleshooting

Problem	Check	Page
 <p>No picture and no sound or projector does not start.</p>	<ul style="list-style-type: none"> Projector power cord is not plugged into the wall outlet. 	24
	<ul style="list-style-type: none"> Power to the external connected devices is off. 	–
	<ul style="list-style-type: none"> The selected input mode is wrong. 	29
	<ul style="list-style-type: none"> Cables are incorrectly connected to the projector. 	21–24
	<ul style="list-style-type: none"> Remote control battery has run out. 	14
	<ul style="list-style-type: none"> External output has not been set when connecting notebook computer. 	21
 <p>Sound is heard but no picture appears (or picture is dark).</p>	<ul style="list-style-type: none"> The lamp unit cover is not installed correctly. 	53, 54
	<ul style="list-style-type: none"> EIP-2600 only: If the connected DVI digital equipment is turned on before the “DVI-D” input mode is selected on the projector, the image may not be projected properly or may not be displayed at all. Ensure that the appropriate input mode has been selected on the projector before you turn on the connected equipment. 	21
	<ul style="list-style-type: none"> Cables are incorrectly connected to the projector. “Bright” is set to minimum position. 	21–24 41
 <p>Color is faded or poor.</p>	<ul style="list-style-type: none"> Image adjustments are incorrectly set. Make adjustments of “Color” and “Tint” in “Picture Mode” and lower the “BrilliantColor™” (EIP-2600)/“Bright Boost” (EIP-250) value. 	41
	<p>(Video Input only)</p> <ul style="list-style-type: none"> Video input system is incorrectly set. 	48
 <p>Picture is blurred; noise appears.</p>	<ul style="list-style-type: none"> Adjust the focus. The projection distance exceeds the focus range. 	26 20
	<ul style="list-style-type: none"> There is fog on the lens. If the projector is carried from a cold room into a warm room, or if it is suddenly heated, condensation may form on the surface of the lens and the image will become blurred. Set up the projector at least one hour before it is to be used. If condensation should form, remove the power cord from the wall outlet and wait for it to clear. 	–
	<p>(Computer Input only)</p> <ul style="list-style-type: none"> Perform “Fine Sync” Adjustments (“Clock” Adjustment) Perform “Fine Sync” Adjustments (“Phase” Adjustment) Noise may appear depending on the computer. 	48 48 –
 <p>Picture appears but no sound is heard.</p>	<ul style="list-style-type: none"> Cables are incorrectly connected to the projector. 	21–24
	<ul style="list-style-type: none"> Volume is set to minimum. When the projector is connected to an external device and the volume is set to minimum, the sound is not output even if you turn up the volume of the external device. 	29
<p>Data image is not centered.</p>	<ul style="list-style-type: none"> “Speaker” is set to “Off”. 	45
	<ul style="list-style-type: none"> Select “Data image is not centered” in the “Help” menu and make the necessary adjustments. Depending on the computer you are using, the output resolution signal may be different from the one you have set. For details, refer to the owner’s manual of the computer. 	48 –

Troubleshooting (Continued)

Problem	Check	Page
An unusual sound is occasionally heard from the cabinet.	<ul style="list-style-type: none"> If the picture is normal, the sound is due to cabinet shrinkage caused by room temperature changes. This will not affect operation or performance. 	–
Maintenance indicator on the projector illuminates or blinks in red.	<ul style="list-style-type: none"> See "Maintenance Indicators". 	50
The projector cannot be turned on or put into the standby mode using STANDBY/ON on the projector.	<ul style="list-style-type: none"> The keylock is set. If the keylock is set to "ON", all the buttons are locked. 	47
Picture is green on COMPUTER (Component)/ *DVI (Component).	<ul style="list-style-type: none"> Change the input signal type setting. When you cannot select an input signal type, select "Color is faded or poor" in the "Help" menu, after selecting an item other than "sRGB" in "Picture Mode", and then select an input signal type. 	48 40, 48
Picture is pink (no green) on COMPUTER (RGB)/ *DVI (RGB).		
Picture is too bright and whitish.	<ul style="list-style-type: none"> Image adjustments are incorrectly set. 	41
The cooling fan becomes noisy.	<ul style="list-style-type: none"> When temperature inside the projector increases, the cooling fan runs faster. 	8, 9 49, 50, 51
The lamp does not light up even after the projector turns on.	<ul style="list-style-type: none"> The lamp indicator is illuminating in red. Replace the lamp. 	50, 53
The lamp suddenly turns off during projection.		
The image sometimes flickers.	<ul style="list-style-type: none"> Cables are incorrectly connected to the projector or the connected equipment works improperly. Select "Vertical stripes or flickering image appear" in the "Help" menu and make the necessary adjustments. If this happens frequently, replace the lamp. 	21–24
		48
		53
The lamp needs much time to turn on.	<ul style="list-style-type: none"> The lamp will eventually need to be changed. While the remaining lamp life draws to a close, replace the lamp. 	53
Picture is dark.		
The remote control cannot be used.	<ul style="list-style-type: none"> Operate the remote control while pointing it at the projector's remote control sensor. The remote control may be too far away from the projector. If direct sunlight or a strong fluorescent lamp is shining on the projector's remote control sensor, place the projector where it will not be affected by strong light. 	15
		<ul style="list-style-type: none"> The batteries may be depleted or inserted incorrectly. Make sure the batteries are inserted correctly or insert new ones.

HP12800 only

Sponsored by DM

This unit is equipped with a microprocessor. Its performance could be adversely affected by incorrect operation or interference. If this should happen, unplug the Unit and plug it in again after more than 5 minutes.

THE TRUSTED SOURCE FOR PROJECTOR LAMPS AND ACCESSORIES

Specifications

Model		EIP-2600	EIP-250
Display devices		0.55" DLP® Chip	
Resolution		XGA (1024×768)	SVGA (800×600)
Lens	F number	F 2.5 – 2.6	
	Zoom	Manual, ×1.15 (f = 20.4 – 23.5 mm)	
	Focus	Manual	
Input terminals	DVI-I (Compatible with HDCP)	×1	–
	RGB/Component (mini D-sub 15 pin)	×1	
	S-Video (mini DIN 4 pin)	×1	
	Video (RCA)	×1	
	Audio (ø3.5 mm stereo minijack)	×1	–
	Audio (RCA)	×1 (L/R)	
Output terminals	RGB/Component (mini D-sub 15 pin)	×1	
	Audio (ø3.5 mm stereo minijack)	×1 (variable audio output)	–
Control, others	USB (Type B)	×1	
	RS-232C (mini DIN 9 pin)	×1	
Speakers		2 W (Mono)	
Projection lamp		230 W	200W
Rated voltage		AC 100 – 240 V	
Rated frequency		50/60 Hz	
Input current		3.2 A	2.9 A
Power consumption (Standby)		303 W (5.0 W) with AC 100 V 293 W (5.7 W) with AC 240 V	267 W (5.0 W) with AC 100 V 259 W (5.7 W) with AC 240 V
Operation temperature		41°F to 95°F (+5°C to +35°C)	
Cabinet		Plastic	
Dimensions (main body only) [W × H × D]		10 ^{41/64} " × 3 ^{33/64} " × 10 ^{7/16} " (270 × 89 × 265 mm)	
Weight (approx.)		6.4 lbs. (2.9 kg)	

As a part of policy of continuous improvement, EIKI reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.

This EIKI projector uses a DLP® chip. This very sophisticated panel contains 786,432 (EIP-2600)/480,000 (EIP-250) pixels (micromirrors). As with any high technology electronic equipment such as large screen TVs, video systems and video cameras, there are certain acceptable tolerances that the equipment must conform to.

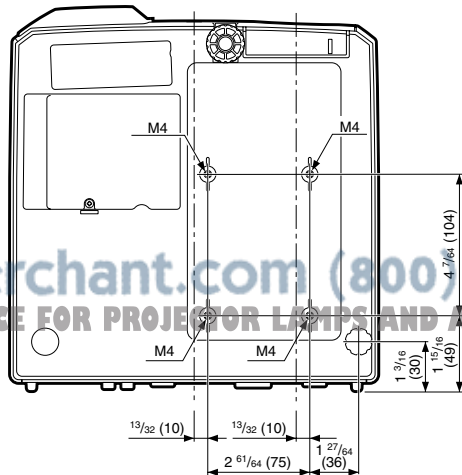
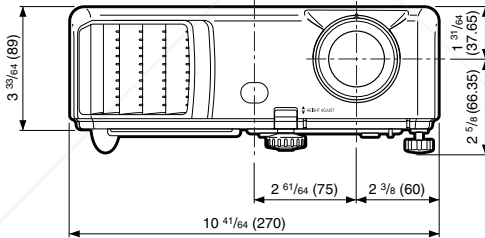
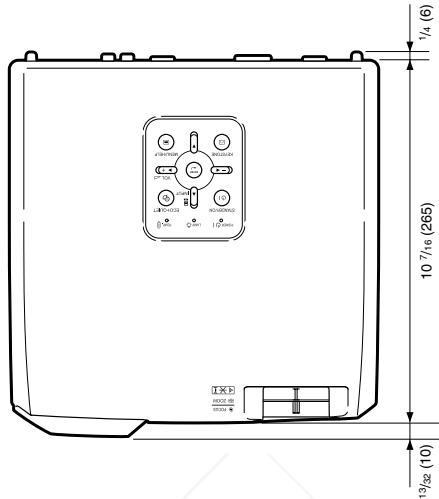
This unit may have some inactive pixels within acceptable tolerances which may result in inactive dots on the picture screen. This will not affect the picture quality or the life expectancy of the unit.

Discount-Merchant.com (800) 281-8860
THE TRUSTED SOURCE FOR PROJECTOR LAMPS AND ACCESSORIES



Dimensions

Units: inches (mm)



FixYourDLP.com
Sponsored by D.M.

Discount-Merchant.com (800) 281-8860
THE TRUSTED SOURCE FOR PROJECTOR LAMPS AND ACCESSORIES

Index

3 RCA to mini D-sub 15 pin cable	22	Lamp unit	53
Accessories	10	Language (on-screen display language)	44
AC socket	24	L-CLICK/EFFECT button	32, 34
Adjustment buttons	38	Lens Cap	11
AREA ZOOM	31	MAGNIFY buttons	33
Aspect ratio	30	MENU/HELP button	38, 48
Audio Input	46	MONITOR OUT terminal	23
AUDIO 1, 2 terminal	23	MOUSE/Adjustment buttons	34, 38
AUDIO OUT terminal	23	NORMAL	30, 31
Auto Power Off	45	ON button	25
Auto Restart	45	Optical accessories	10
Auto Sync (Auto Sync adjustment)	33, 37, 45, 48	OSD Display	43
AUTO SYNC button	33	PAGE DOWN button	34
AV MUTE button	29	PAGE UP button	34
Background	44	PDF	9
Batteries	14	Picture Adjustment	40
Blue	41	Picture Mode	33, 40
BORDER	30, 31	PICTURE MODE button	33
BREAK TIMER button	32	POINTER button	32
Bright	41	Power cord	24
Bright Boost	41	Power indicator	50
BrilliantColor™	41	PRJ - ADJ	45
Closed Caption	44	PRJ Mode	19, 44
CLR Temp (Color Temperature)	41	Progressive	42
C.M.S.	41	R-CLICK/RETURN button	34, 38
Color	41	Rear adjustment foot	27
COMPUTER button	29	Red	41
COMPUTER/COMPONENT input terminal	21, 22	Remote control	13
Contrast	41	Remote control sensor	15
DIN-D-sub RS-232C adaptor	24	Replacing the lamp	52, 53
DNR	42	Resize	30, 43
DOT BY DOT	30	RESIZE button	30
DVI button	29	RGB cable	21
DVI-I input terminal	21, 22	RS-232C terminal	24
ECO+QUIET button	32	SCR - ADJ	43
ENTER button	38	Screen Size and Projection Distance	20
Exhaust vent	11, 49	Setup Guide	26, 44
Fan Mode	46	Sharp	41
Fine Sync	48	Speaker	45
Focus ring	26	SPOT button	32
FREEZE button	33	STANDBY button	25
Front adjustment foot	27	STANDBY Mode	45
FULL	30	STANDBY/ON button	25
HEIGHT ADJUST lever	27	STRETCH	30, 31
Help	48	Supplied accessories	10
H-Pos	37, 48	S-VIDEO button	29
Image Shift	43	S-VIDEO terminal	22
INPUT modes	29	System Lock	46
Intake vent	11, 49	System Sound	45
Kensington Security Standard connector	12	Temperature warning indicator	50
Keypad	46	Tint	41
Keylock	47	USB terminal	34
KEYSTONE button	28	VIDEO button	29
Keystone Correction	28, 43	VIDEO terminal	22
Lamp	52	VOL (Volume) buttons	29
Lamp indicator	50	V-Pos	37, 48
Lamp Setting	42	V-STRETCH	31
Lamp Timer (Life)	47	Zoom ring	26

EIKI

U.S.A.

EIKI International, Inc.
30251 Esperanza
Rancho Santa Margarita
CA 92688-2132
U.S.A.
Tel : 800-242-3454 (949)-457-0200
Fax : 800-457-3454 (949)-457-7878
E-Mail : usa@eiki.com

Deutschland & Österreich

EIKI Deutschland GmbH
Am Frauwald 12
65510 Idstein
Deutschland
Tel : 06126-9371-0
Fax : 06126-9371-14
E-Mail : info@eiki.de

China

EIKI (Shanghai) Co.,LTD
1. Dapu Road, Golden Magnolia Plaza
#2109 Shanghai,
200023 China
Tel : 86-21-5396-0088
Fax : 86-21-5396-0318
E-Mail : info@eiki-china.com

Canada

EIKI CANADA - Eiki International, Inc.
P.O. Box 156, 310 First St. - Unit 2,
Midland, ON, L4R 4K8, Canada
Tel : 800-563-3454 (705)-527-4084
Fax : 800-567-4069 (705)-527-4087
E-Mail : canada@eiki.com

Eastern Europe

EIKI CZECH spol. s.r.o.
Umělecká 15
170 00 Praha 7
Czech Republic
Tel : +42 02 20570024
+42 02 20571413
Fax : +42 02 20571411
E-Mail : easterneurope@eiki.de

Japan & Worldwide

EIKI Industrial Company Limited.
4-12 Banzai-Cho, Kita-Ku, Osaka,
530-0028 Japan
Tel : +81-6-6311-9479
Fax : +81-6-6311-8486



WorldWide Website <http://www.eiki.com>

Discount-Merchant.com (800) 281-8860
THE TRUSTED SOURCE FOR PROJECTOR LAMPS AND ACCESSORIES



Disclaimer

This user manual is provided as a free service by FixYourDLP.com. FixYourDLP is in no way responsible for the content of this manual, nor do we guarantee its accuracy. FixYourDLP does not make any claim of copyright and all copyrights remain the property of their respective owners.

About FixYourDLP.com

FixYourDLP.com (<http://www.fixyourdpl.com>) is the World's #1 resource for media product news, reviews, do-it-yourself guides, and manuals.

Informational Blog: <http://www.fixyourdpl.com>

Video Guides: <http://www.fixyourdpl.com/guides>

User Forums: <http://www.fixyourdpl.com/forum>

FixYourDLP's Fight Against Counterfeit Lamps:

<http://www.fixyourdpl.com/counterfeits>

Sponsors:

RecycleYourLamp.org – Free lamp recycling services for used lamps:

<http://www.recycleyourlamp.org>

Lamp Research - The trusted 3rd party lamp research company:

<http://www.lampresearch.com>

Discount-Merchant.com – The worlds largest lamp distributor:

<http://www.discount-merchant.com>



FixYourDLP.com

Sponsored by 