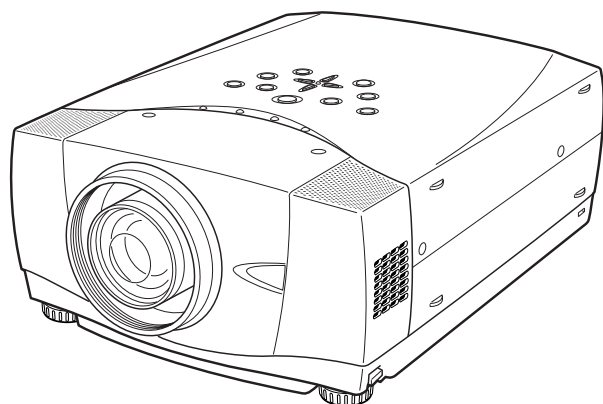


CHRISTIE LW300

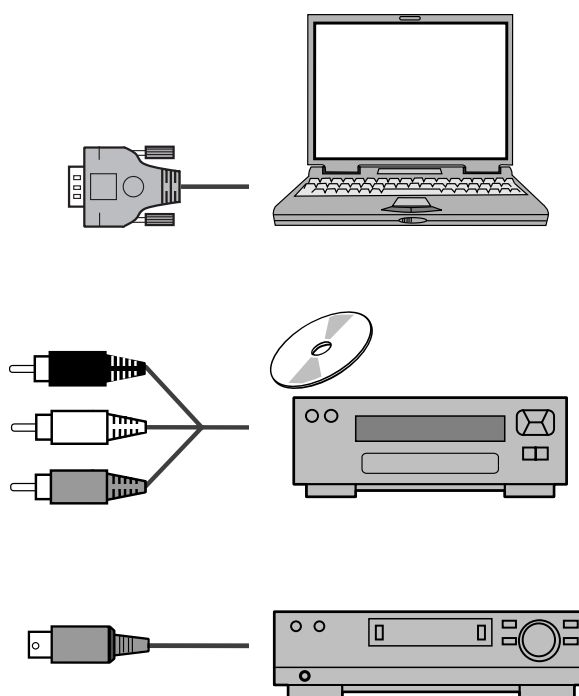
Multimedia Projector

Quick Reference Guide

MODEL 103-011100-01



* Projection lens is optional.



Use this book as a reference guide when setting up the projector. For detailed information about installation, setup, and operation of the projector, refer to the owner's manual on the CD-ROM.

READ THE SAFETY INSTRUCTIONS IN THE OWNER'S MANUAL (CD-ROM) BEFORE USING THE PROJECTOR.

English

Français

Español

Deutsch

Italiano

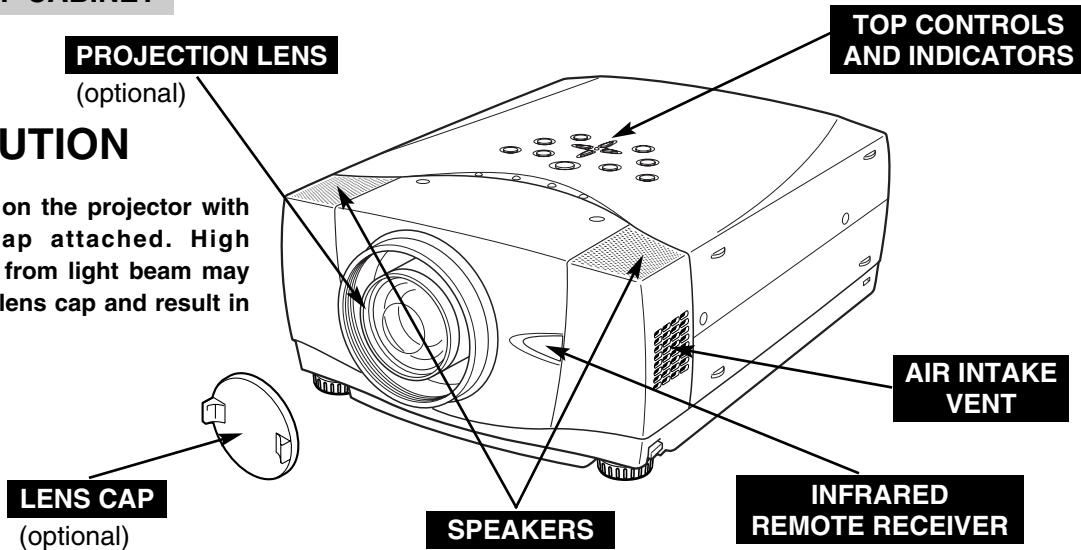
NAME OF EACH PART OF PROJECTOR

FRONT OF CABINET



CAUTION

Do not turn on the projector with the lens cap attached. High temperature from light beam may damage the lens cap and result in fire hazard.



BACK OF CABINET

EXHAUST VENT

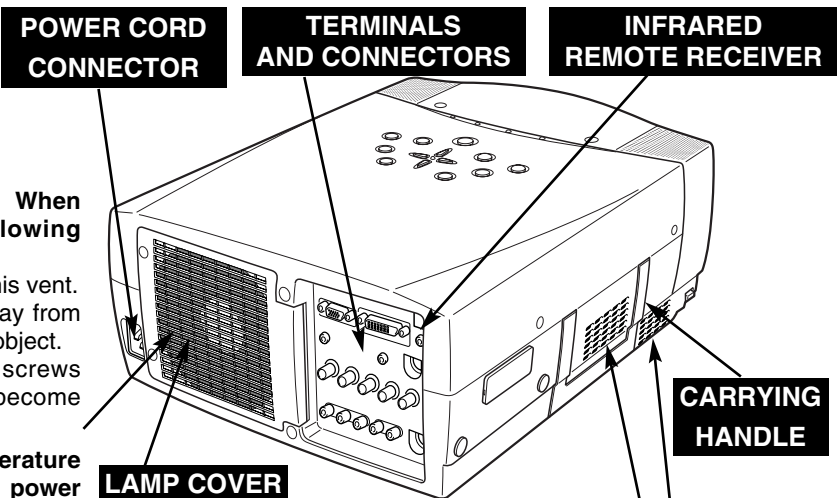


HOT AIR EXHAUSTED !

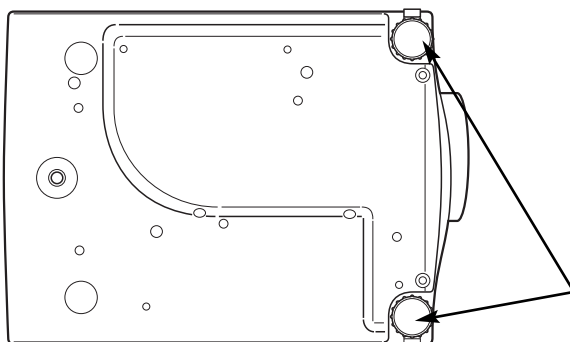
Air blown from exhaust vent is hot. When using or installing a projector, following precautions should be taken.

- Do not put a flammable object near this vent.
- Keep rear grills at least 3.3'(1 m) away from any object, especially heat-sensitive object.
- Do not touch this area, especially screws and metallic parts. This area will become hot while a projector is used.

This projector detects internal temperature and automatically controls operating power of Cooling Fans.



BOTTOM OF CABINET



AIR INTAKE VENTS

This projector is equipped with cooling fans for protection from overheating. Pay attention to following to ensure proper ventilation and avoid a possible risk of fire and malfunction.

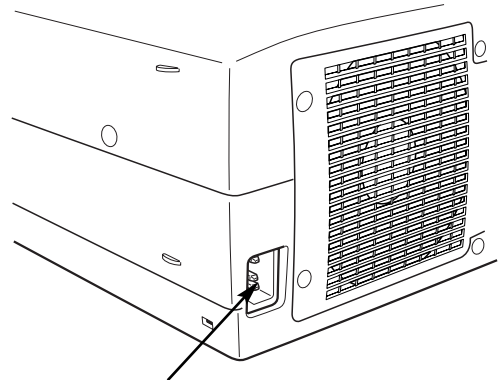
- Do not cover vent slots.
- Keep side clear of any objects. Obstructions may block cooling air.

ADJUSTABLE FEET AND FEET LOCK LATCHES

SETTING-UP PROJECTOR

CONNECTING AC POWER CORD

This projector uses nominal input voltages of 100-120 V or 200-240 V AC. This projector automatically selects correct input voltage. It is designed to work with single-phase power systems having a grounded neutral conductor. To reduce risk of electrical shock, do not plug into any other type of power system. Consult your authorized dealer or service station if you are not sure of type of power supply being in use. Connect a projector with a peripheral equipment before turning a projector on.



Connect AC Power Cord (supplied) to a projector. AC outlet must be near this equipment and must be easily accessible.

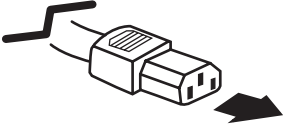
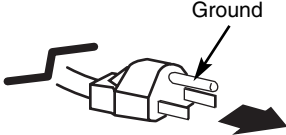
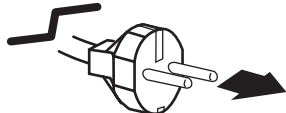


CAUTION

For safety, unplug AC Power Cord when an appliance is not used. When this projector is connected to outlet with AC Power Cord, an appliance is in Stand-by Mode and consumes a little electric power.

CAUTION

The AC Power Cord must meet the requirement of the country where you use the projector. Confirm the AC plug type with the chart below. The proper AC Power Cord must be used. If the supplied AC Power Cord does not match the AC outlet, contact your sales dealer.

Projector side	AC Outlet side	
 <p data-bbox="345 1339 553 1409">To POWER CORD CONNECTOR on the projector.</p>	<p data-bbox="683 1136 943 1161">For U.S.A. and Canada</p>  <p data-bbox="727 1346 862 1398">To AC Outlet. (120 V AC)</p>	<p data-bbox="1057 1142 1357 1167">For Continental Europe</p>  <p data-bbox="1052 1367 1235 1419">To AC Outlet. (200 - 240 V AC)</p>

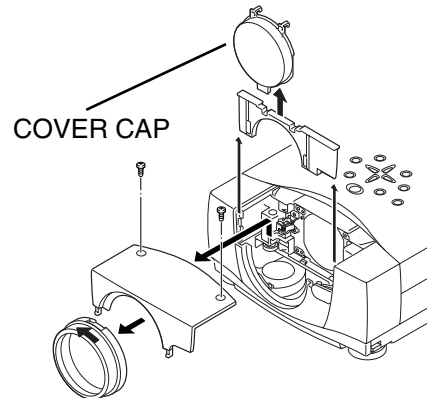
LENS INSTALLATION

Before setting up a projector, install Projection Lens on Projector.

1. Before installation, check where a projector is used and prepare a suitable lens. For specifications of a Projection Lens, contact sales dealer where you purchased a projector.
2. For installation, refer to installation manual in the optional lens.

NOTE;

When installing the lens, remove the cover cap in the projector.

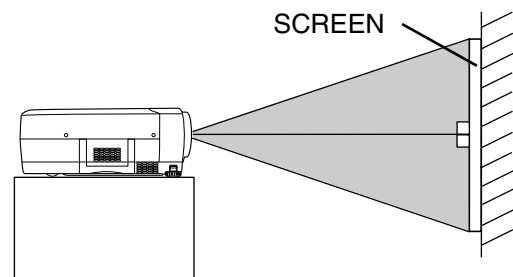


POSITIONING PROJECTOR

This projector is designed to project on a flat projection surface.

ROOM LIGHT

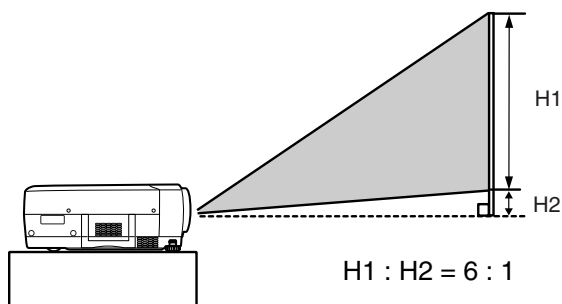
Brightness in a room has a great influence on picture quality. It is recommended to limit ambient lighting in order to provide best image.



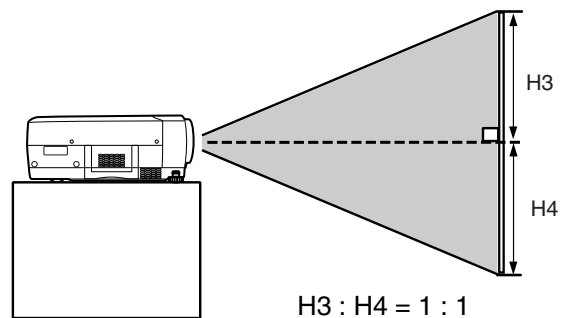
LENS SHIFT ADJUSTMENT

Projection lens can be moved up and down with motor-driven lens shift function. This function makes it easy to provide projected image where you want.

Highest Lens Shift



Lowest Lens Shift



NOTE

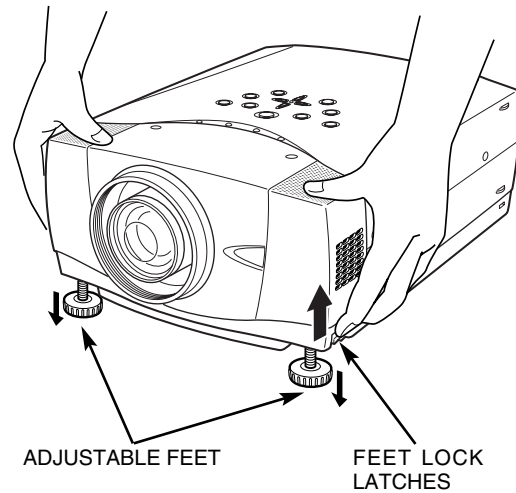
Screen size and lens shift ratio on the above charts are standard values and they may change by positioning conditions.

ADJUSTABLE FEET

Picture tilt and projection angle can be adjusted by rotating ADJUSTABLE FEET. Projection angle can be adjusted to 10.5 degrees.

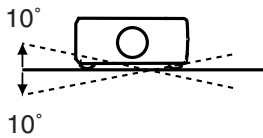
- 1** Lift front of a projector and pull FEET LOCK LATCHES on both sides of a projector.
- 2** Release FEET LOCK LATCHES to lock ADJUSTABLE FEET and rotate ADJUSTABLE FEET to fine tune position and tilt.
- 3** To shorten ADJUSTABLE FEET, lift front of a projector and pull and undo FEET LOCK LATCHES.

Position and keystone distortion of image can be adjusted using Menu Operation.



INSTALLING PROJECTOR IN PROPER POSITION

Install the projector properly. Improper installation may reduce the lamp lifetime and cause a fire hazard.



Do not tilt the projector more than 10 degrees above and below.



NO UPWARD

Do not point the projector up to project an image.



NO DOWNWARD

Do not point the projector down to project an image.

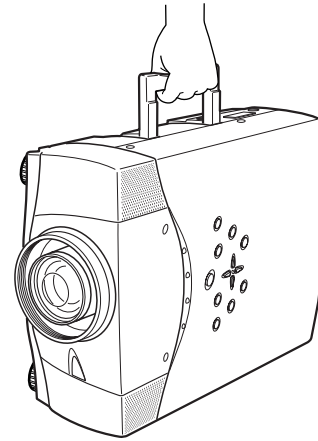


NO SIDWAYS

Do not put the projector on either side to project an image.

MOVING PROJECTOR

Use Carrying Handle when moving a projector.
When moving a projector, replace lens cap and retract feet to prevent damage to lens and cabinet.
When this projector is not in use for an extended period, put it into case (not supplied with this projector).

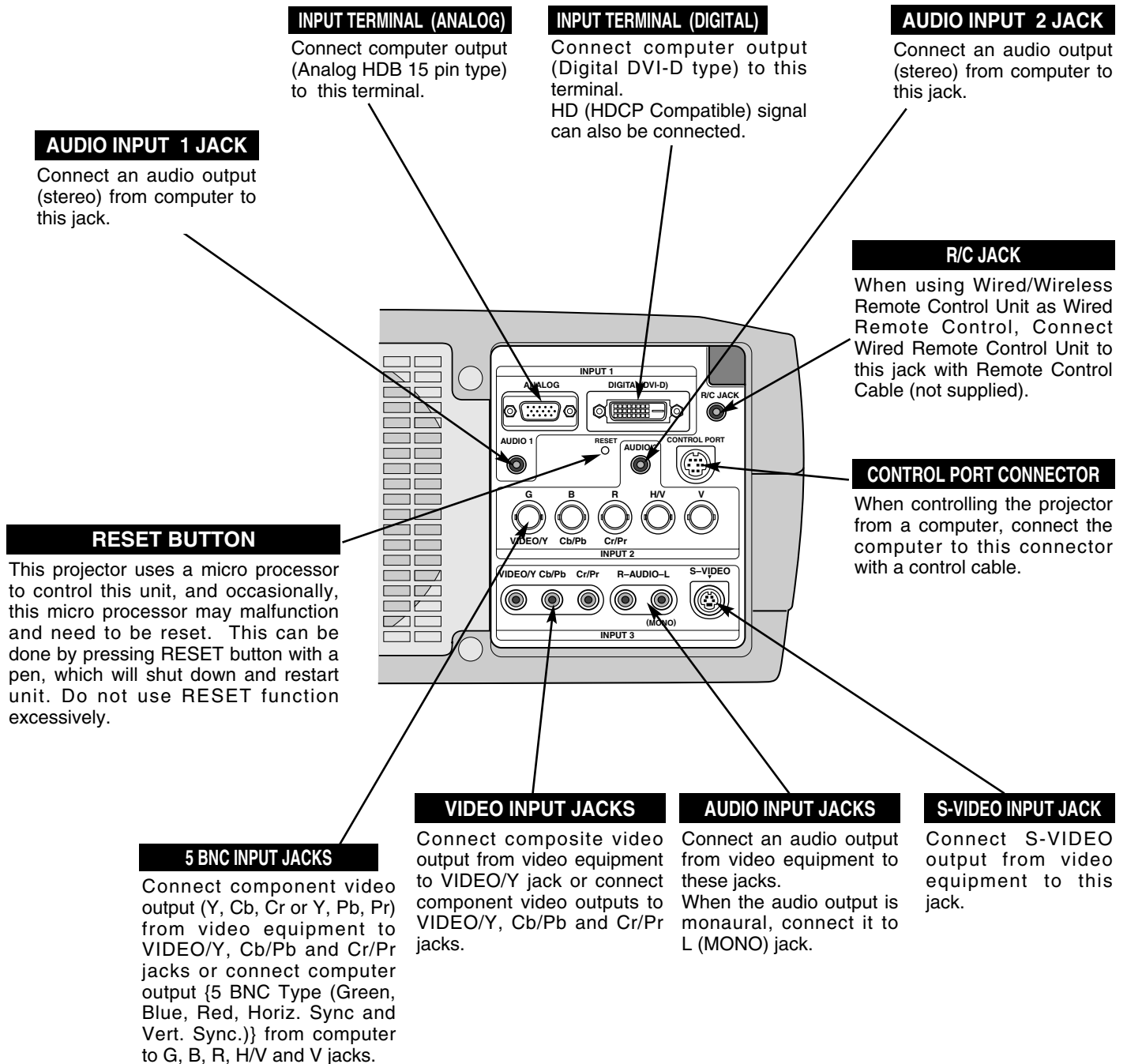


CAUTION IN CARRYING OR TRANSPORTING A PROJECTOR

- Do not drop or bump a projector, otherwise damages or malfunctions may result.
- When carrying a projector, use a suitable carrying case.
- Do not transport a projector by using a courier or transport service in an unsuitable transport case. This may cause damage to a projector. To transport a projector through a courier or transport service, consult your dealer for best way.

TERMINALS OF PROJECTOR

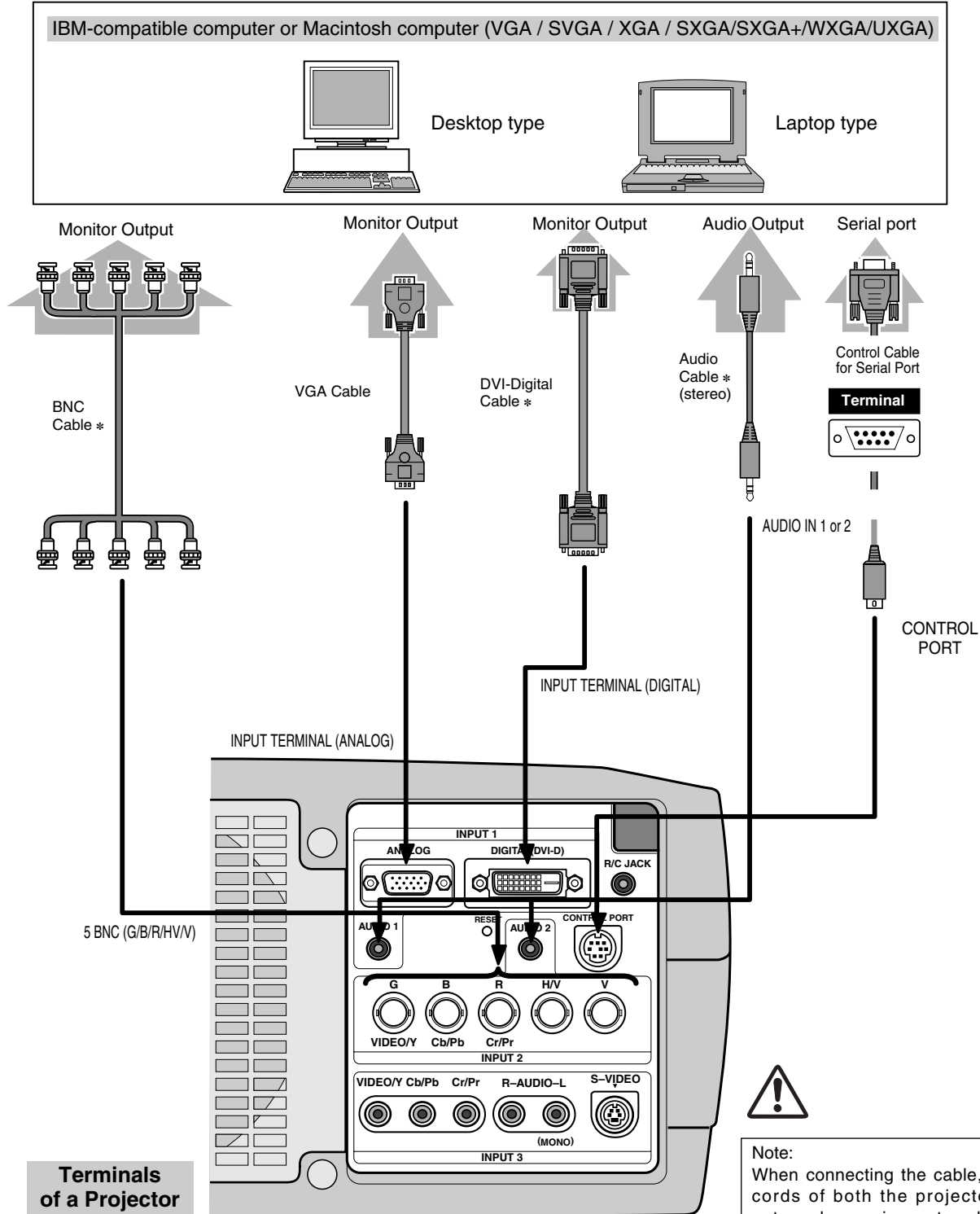
This projector has input and output terminals on its back for connecting computers and video equipment. Refer to figures on pages 12 to 14 and connect properly.



CONNECTING TO COMPUTER

Cables used for connection (* = Cable or adapter is not supplied with this projector.)

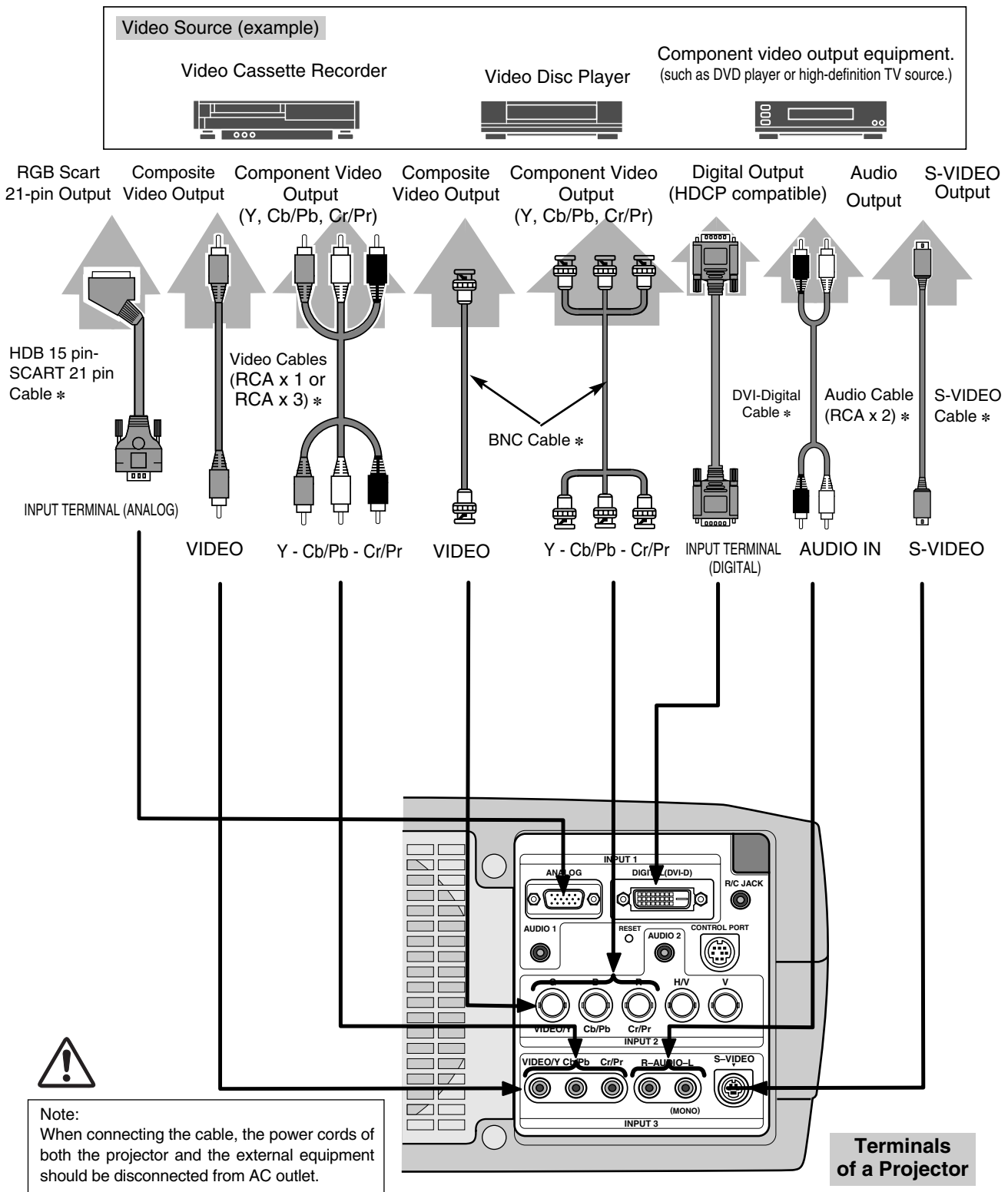
- VGA Cable (HDB 15 pin)
- DVI-Digital Cable (for Single Link T.M.D.S.) *
- BNC Cable *
- Control Cable for Serial Port
- Audio Cables (Mini Plug (stereo)) *



CONNECTING TO VIDEO EQUIPMENT

Cables used for connection (* = Cable is not supplied with this projector.)

- Video Cable (RCA x 1 or RCA x 3) *
- BNC Cable *
- S-VIDEO Cable *
- DVI-Digital Cable (for Single Link T.M.D.S.) *
- Audio Cable (RCA x 2) *
- HDB 15 pin-SCART 21 pin Cable *



English

OPERATION OF REMOTE CONTROL

LIGHT BUTTON

Lights the buttons on the remote control for about 10 seconds.

AUTO PC ADJ. BUTTON

Used to operate AUTO PC Adjustment function.

POWER ON-OFF BUTTON

Used to turn projector on or off.

MENU BUTTON

Used to select MENU operation.

COLOR M. BUTTON

Used to operate COLOR MANAGEMENT.

POINT (UP / DOWN / LEFT / RIGHT) BUTTONS

Used to select an item or adjust value in ON-SCREEN MENU. They are also used to pan image in DIGITAL ZOOM +/- mode. POINT LEFT/RIGHT buttons are also used as VOLUME +/- buttons.

SELECT BUTTON

Used to execute item selected. It is also used to expand / compress image in DIGITAL ZOOM mode.

IMAGE ADJ. BUTTON

Used to adjust image level.

INPUT BUTTON

Used to select input source.

IMAGE BUTTON

Used to select image level.

D.ZOOM BUTTON

Used to select DIGITAL ZOOM +/- mode and resize image.

NO SHOW BUTTON

Used to turn picture into black image.

FREEZE BUTTON

Used to freeze picture.

SCREEN BUTTON

Used to select screen.

MUTE BUTTON

Used to mute sound.

LENS SHIFT BUTTON

Used to select LENS SHIFT function.

KEYSTONE BUTTON

Used to correct keystone distortion.

WIRED REMOTE JACK

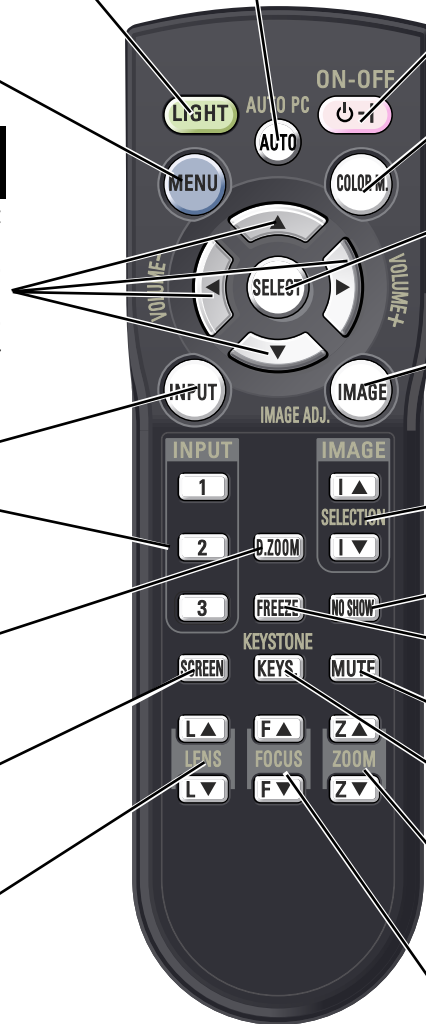
When using as Wired Remote Control, connect Remote Control Cable to this jack. Battery installation is required when using as Wired Remote Control.

ZOOM BUTTON

Used to adjust zoom.

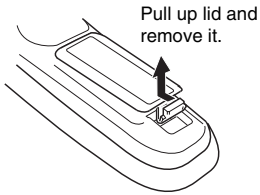
FOCUS BUTTON

Used to adjust focus.

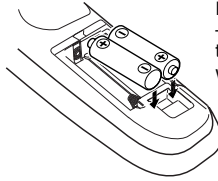


REMOTE CONTROL BATTERIES INSTALLATION

1 Remove battery compartment lid.

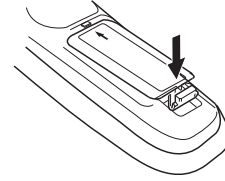


2 Slide batteries into compartment.



Two AA size batteries
For correct polarity (+ and -), be sure battery terminals are in contact with pins in compartment.

3 Replace compartment lid.

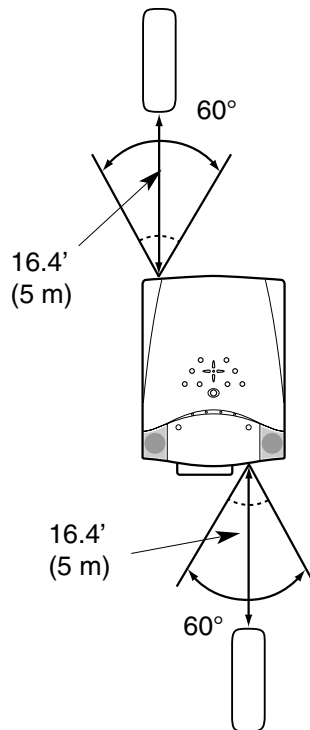


To insure safe operation, please observe following precautions :

- Use (2) AA or LR6 type alkaline batteries.
- Replace two batteries at same time.
- Do not use a new battery with an used battery.
- Avoid contact with water or liquid.
- Do not expose Remote Control Unit to moisture, or heat.
- Do not drop Remote Control Unit.
- If a battery has leaked on Remote Control Unit, carefully wipe case clean and install new batteries.
- Danger of explosion if battery is incorrectly replaced.
- Dispose of used batteries according to batteries manufacturers instructions and local rules.

Operating Range

Point Remote Control Unit toward projector (Infrared Remote Receiver) whenever pressing any button. Maximum operating range for Remote Control Unit is about 16.4' (5m) and 60° in front and rear of a projector.



TOP CONTROLS AND INDICATORS

This projector has CONTROL BUTTONS (TOP CONTROLS) and INDICATORS on its top.

LAMP REPLACE INDICATOR

Turns to yellow when life of projection lamp draws to an end. Flashes yellow when the lamp cannot light up.

WARNING TEMP. INDICATOR

Flashes red when internal projector temperature is too high.

READY INDICATOR

Lights green when a projector is ready to be turned on. And it flashes green in Power Management mode.

LAMP INDICATOR

Becomes dim when a projector is turned on. And bright when a projector is in stand-by mode.

MENU BUTTON

Used to open or close MENU operation.

ZOOM BUTTON

Used to adjust zoom.

FOCUS BUTTON

Used to adjust focus.

LENS SHIFT BUTTON

Used to select LENS SHIFT function.

POINT (VOLUME +/-) BUTTONS

Used to select an item or adjust value in ON-SCREEN MENU. They are also used to pan image in DIGITAL ZOOM +/- mode. POINT LEFT/RIGHT buttons are also used as VOLUME +/- buttons.

SELECT BUTTON

Used to execute the selected item. It is also used to expand/compress image in DIGITAL ZOOM mode.

POWER ON-OFF BUTTON

Used to turn a projector on or off.

INPUT BUTTON

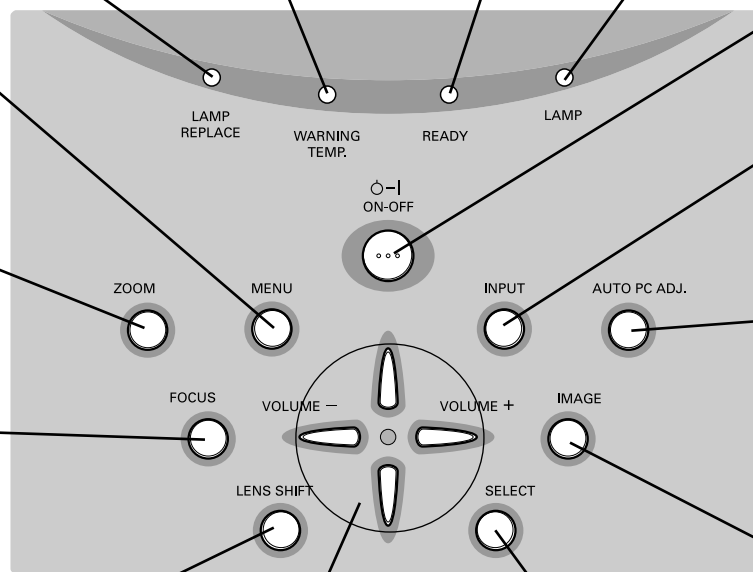
Used to select input source.

AUTO PC ADJ. BUTTON

Used to operate AUTO PC Adjustment function.

IMAGE BUTTON

Used to select image level.



OPERATING ON-SCREEN MENU

HOW TO OPERATE ON-SCREEN MENU

You can control and adjust this projector through ON-SCREEN MENU. Refer to following pages to operate each adjustment on ON-SCREEN MENU.

1 DISPLAY MENU

Press MENU button to display ON-SCREEN MENU.

2 MOVING POINTER

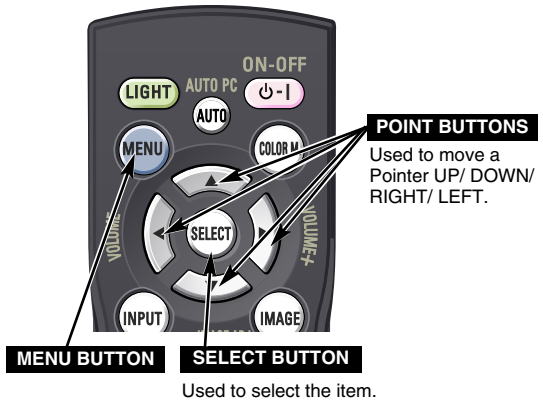
Move pointer (* see below) or adjust value of item by pressing POINT buttons on Top Control or on Remote Control Unit.

* Pointer is icon on ON-SCREEN MENU to select item. See figures on section "FLOW OF ON-SCREEN MENU OPERATION" below.

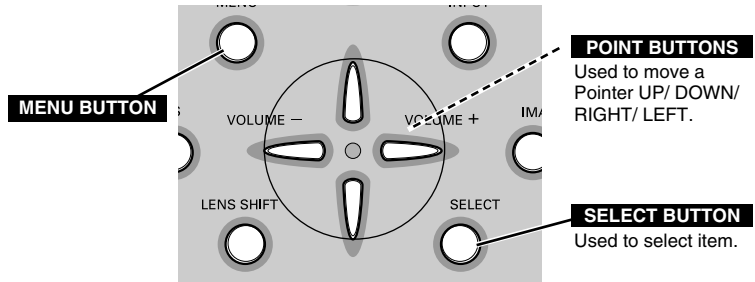
3 SELECT ITEM

Select item or set selected function by pressing SELECT button.

REMOTE CONTROL UNIT



TOP CONTROL



FLOW OF ON-SCREEN MENU OPERATION

Display ON-SCREEN MENU

1 Press MENU button to display ON-SCREEN MENU (MENU BAR). A red frame is POINTER.

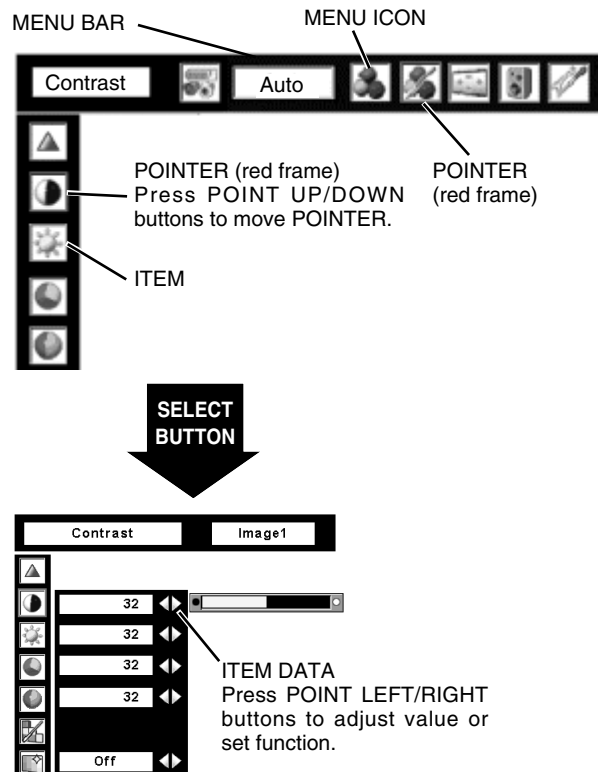
Select Menu to be adjusted

2 Move POINTER (red frame) to MENU ICON that you want to select by pressing POINT RIGHT / LEFT buttons.

Control or adjust item through ON-SCREEN MENU

3 Press POINT UP/DOWN buttons and move POINTER (red frame or red arrow) to ITEM that you want to adjust, and then press SELECT button to show ITEM DATA.

4 Adjust ITEM DATA by pressing POINT RIGHT/LEFT buttons. Refer to following pages for details of respective adjustments.



TURNING ON / OFF PROJECTOR

TURNING ON THE PROJECTOR

- 1** Complete peripheral connections (with a computer, VCR, etc.) before turning on the projector.
- 2** Connect the projector's AC power cord into an AC outlet. The LAMP Indicator lights RED, and READY Indicator lights GREEN.
- 3** Press the POWER ON-OFF button on the top control or on the remote control to ON. The LAMP Indicator dims, and the cooling fans start to operate. The preparation display appears on the screen and the count down starts.
- 4** After the count-down, the input source that was selected last and the Lamp control status icon appear on the screen.

If the projector is locked with a PIN code, PIN code Input Dialog Box will appear. Enter the PIN code as instructed below.

Enter a PIN code

Select a number by pressing the POINT LEFT/RIGHT button and fix the number with the SELECT button. The number will change to "*". If you fixed a wrong number, move the pointer to "Set" or "Clear" once by pressing the POINT DOWN button, then return to "PIN code". Enter the correct number again. Repeat this step to complete entering a four-digit number.

When the four-digit number is fixed, the pointer will automatically move to "Set". Press the SELECT button so that you can start to operate the projector.

If you entered a wrong PIN code, "PIN code" and the number (****) will turn red and disappear. Enter a correct PIN code all over again.

What is PIN code?

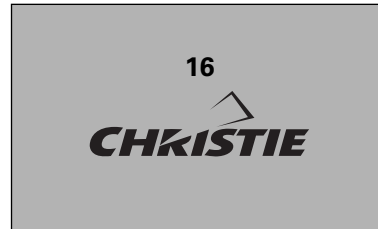
PIN code is a security code using Personal Identification Number that allows the person who knows it to operate the projector. Setting PIN code prevents others except the specific users from operating the projector.

A PIN code consists of a four-digit number. Refer to PIN Code Lock function in Setting menu in the user's manual for locking operation of the projector with your PIN code.



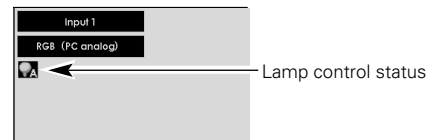
CAUTION ON HANDLING PIN CODE

If you forget your PIN code, the projector can no longer be started. Set a new PIN code with special care, take a memo and keep it at hand. Should the PIN code be missing or forgotten, consult your dealer or service center.

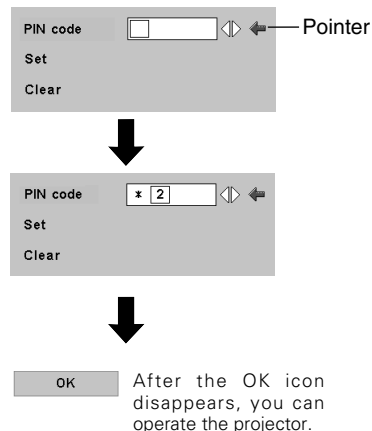


The preparation display disappears after 20 ~ 30 seconds.

Selected Input Source and Lamp control

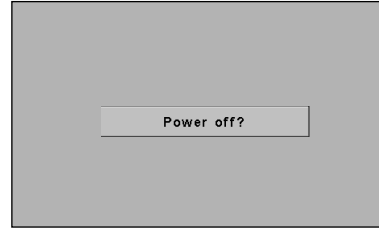


PIN code Input Dialog Box



TURNING OFF THE PROJECTOR

- 1** Press the POWER ON-OFF button on the top control or on the remote control, and a message "Power off?" appears on the screen.
- 2** Press the POWER ON-OFF button again to turn off the projector. The LAMP Indicator lights bright and READY Indicator turns off. After projector is turned off, Cooling Fans operate (for 90 seconds). During this "Cooling Down" period, this appliance cannot be turned on.
- 3** When the projector has cooled down, READY Indicator lights GREEN again and you can turn projector on. After cooling down completely, disconnect AC Power Cord.



The message disappears after 4 seconds.



TO MAINTAIN THE LIFE OF LAMP, ONCE YOU TURN PROJECTOR ON, WAIT AT LEAST 5 MINUTES BEFORE TURNING IT OFF.

DO NOT DISCONNECT AC POWER CORD WHILE COOLING FANS ARE RUNNING OR BEFORE READY INDICATOR LIGHTS GREEN AGAIN. OTHERWISE IT WILL RESULT IN SHORTENING LAMP LIFE.

NOTE;

- The projector cannot be turned on during the cooling period with the READY indicator turned off. You can turn it on again after the READY indicator GREEN again.
- When the On start function is on, this projector is turned on automatically by connecting the AC power cord to an AC outlet.
- Do not operate the projector continuously without rest. Continuous use may result in shortening the lamp life. Turn off the projector and give it a rest about an hour in every 24 hours.
- This projector monitors internal temperature and automatically controls the running speed of the cooling fans.
- If the WARNING TEMP indicator flashes red, see "WARNING TEMP INDICATOR" in the user's manual.

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