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You can read the recommendations in the user guide, the technical guide or the installation guide for SANYO PLC-XU305A. You'll find the answers to all your questions on the SANYO PLC-XU305A in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual SANYO PLC-XU305A**  
**User guide SANYO PLC-XU305A**  
**Operating instructions SANYO PLC-XU305A**  
**Instructions for use SANYO PLC-XU305A**  
**Instruction manual SANYO PLC-XU305A**



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**Manual abstract:**

38). This projector is loaded with the Wired and Wireless LAN network function. You can project an image on a -Blackboards\* can be used as a projection screen. computer as well as operate and manage the projector. \*The board color is limited to Green (pp.35,42). For details, refer to the owner's manual "Network Setup and Operation." Power Management The Power management function reduces power consumption and maintains the lamp life (p.53). Memory Viewer Function Insert the dedicated USB memory into the projector to project images or presentation data stored within. You Lamp Control do not have to carry computers or other equipment for Brightness of the projection lamp can be selected as presentation. (pp.27,55). \*USB memory is not supplied with the projector. For Quick Termination details, refer to the owner's manual of "Memory viewer".

The AC power cord can be unplugged immediately after turning off the projector without waiting for the termination of the cooling fan rotation (p.21). Auto setup Function This function enables Input search, Auto Keystone correction and Auto PC adjustment by simply pressing the AUTO SETUP/CANCEL button on the top control (p.47). At the time of simple projection on the colored wall, you can get the close color image to the color image projected on a white screen by selecting the similar color to the wall color from the preset four colors.

This is a printed version of the programs and other information displayed on the screen. You can turn on the feature and switch the channels (p.54). Logo Function The Logo function allows you to customize the screen logo (pp.49-51). You can capture an image for the screen logo and use it for the starting-up display or between presentations. Operation menu is available in 17 languages; English, German, French, Italian, Spanish, Portuguese, Dutch, Swedish, Finnish, Polish, Hungarian, Romanian, Russian, Chinese, Korean, Japanese and Thai (p.46). Colorboard Function Multilanguage Menu Display Closed Caption Note: The On-Screen Menu and figures in this manual may differ slightly from the product. The contents of this manual are subject to change without notice.

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... .29 Trademarks Each name of corporations or products in this book is either a registered trademark or a trademark of its respective corporation. To the Owner Before installing and operating this projector, read this manual thoroughly. This projector provides many convenient features and functions. Operating the projector properly enables you to manage those features and maintains it in good condition for many years to come.

Improper operation may result in not only shortening the product-life, but also malfunctions, fire hazard, or other accidents.

If your projector seems to operate improperly, read this manual again, check operations and cable connections and try the solutions in the "Troubleshooting" section in the back of this booklet. If the problem still persists, contact the dealer where you purchased the projector or the service center. **WARNING:**

**THIS APPARATUS MUST BE EARTHED. TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.**

**Safety Precaution CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE EXCEPT LAMP REPLACEMENT. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.** This projector produces intense light from the projection T lens. Do not stare directly into the lens, otherwise eye damage could result.

Be especially careful that children do not stare directly into the beam. Install the projector in a proper position. Otherwise it may result in fire hazard. Allowing the proper amount of space on the top, sides, A and rear of the projector cabinet is critical for proper air circulation and cooling of the unit. The dimension shown here indicate the minimum space required. If the projector is to be built into a compartment or similarly enclosed, these minimum distances must be maintained. Do not cover the ventilation slot on the projector. Heat build-up can reduce the service life of your projector, and can also be dangerous. **SIDE and TOP**

**0.7'(20cm) REAR THIS SYMBOL INDICATES THAT DANGEROUS VOLTAGE CONSTITUTING A RISK OF ELECTRIC SHOCK IS PRESENT WITHIN THIS UNIT.**

**THIS SYMBOL INDICATES THAT THERE ARE IMPORTANT OPERATING AND MAINTENANCE INSTRUCTIONS IN THE OWNER'S MANUAL WITH THIS UNIT.** 1.5'(50cm) 3'(1m) 3'(1m) **FOR EU USERS** The symbol mark and recycling systems described below

apply to EU countries and do not apply to countries in other areas of the world. Your product is designed and manufactured with high quality materials and components which can be recycled and/or reused. The symbol mark means that electrical and electronic equipment, batteries and accumulators, at their end-of-life, should be disposed of separately from your household waste. Note: If a chemical symbol is printed beneath the symbol mark,

this chemical symbol means that the battery or accumulator contains a heavy metal at a certain concentration. This will be indicated as follows: Hg: mercury, Cd: cadmium, Pb: lead In the European Union there are separate collection systems

for used electrical and electronic equipment, batteries and accumulators.



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Please, dispose of them correctly at your local community waste collection/recycling centre. Please, help us to conserve the environment we live in! - If the projector is unused for an extended time, unplug it 20cm from the power outlet. Do not project the same image for a long time. The after image may remain on the LCD panels by the characteristic of panel. 50cm 1m CAUTION DO NOT SET THE PROJECTOR IN GREASY, WET, OR SMOKY CONDITIONS SUCH AS IN A KITCHEN TO PREVENT A BREAKDOWN OR A DISASTER. IF THE PROJECTOR COMES IN CONTACT WITH OIL OR CHEMICALS, IT MAY BECOME DETERIORATED. CAUTION Not for use in a computer room as defined in the Standard for the Protection of Electronic Computer/Data Processing Equipment, ANSI/NFPA75. READ AND KEEP THIS OWNER'S MANUAL FOR LATER USE. Safety Instructions All the safety and operating instructions should be read before the product is operated. Read all of the instructions given here and retain them for later use. Unplug this projector from AC power supply before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning. Follow all warnings and instructions marked on the projector. For added protection to the projector during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage due to lightning and power line surges. Do not expose this unit to rain or use near water... for example, in a wet basement, near a swimming pool, etc... Do not use attachments not recommended by the manufacturer as they may cause hazards.

Do not place this projector on an unstable cart, stand, or table. The projector may fall, causing serious injury to a child or adult, and serious damage to the projector. Use only with a cart or stand recommended by the manufacturer, or sold with the projector. Wall or shelf mounting should follow the manufacturer's instructions, and should use a mounting kit approved by the manufacturers. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

Slots and openings in the back and bottom of the cabinet are provided for ventilation, to ensure reliable operation of the equipment and to protect it from overheating. The openings should never be covered with cloth or other materials, and the bottom openings should not be blocked by placing the projector on a bed, sofa, rug, or other similar surface. This projector should never be placed near or over a radiator or heat register. This projector should not be placed in a built-in installation such as a bookcase unless proper ventilation is provided.

Never push objects of any kind into this projector through cabinet slots 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 projector. Do not install the projector near the ventilation duct of air-conditioning equipment. This projector 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 supplied, consult your authorized dealer or local power company.

Do not overload wall outlets and extension cords as this can result in fire or electric shock. Do not allow anything to rest on the power cord. Do not locate this projector where the cord may be damaged by persons walking on it. Do not attempt to service this projector yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

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

- When the power cord or plug is damaged or frayed.
- If liquid has been spilled into the projector.
- If the projector has been exposed to rain or water.
- If the projector does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the projector to normal operation.
- .

If the projector has been dropped or the cabinet or more of the following measures: reorient or relocate the receiving antenna. R - increase the separation between the equipment and receiver. I - connect the equipment into an outlet on a circuit different from that to which the receiver is connected. C - consult the dealer or an experienced radio/TV technician for help. C - Use of shielded cables is required to comply with class B limits in Subpart B of Part 15 of FCC Rules.

Do not make any changes or modifications to the equipment unless otherwise specified in the instructions. If such changes or modifications should be made, you could be required to stop operation of the equipment. Model Number: PLC-XU305A, PLC-XU355A Trade Name: Sanyo Responsible party: SANYO NORTH AMERICA CORPORATION Address: 21605 Plummer Street, Chatsworth, California 91311 Telephone No.: (818) 998-7322 AC Power Cord Requirement

The AC Power Cords supplied with this projector meet the requirement for use in the country you purchased it. AC Power Cord for the United States and Canada: AC Power Cord used in the United States and Canada is listed by the Underwriters Laboratories (UL) and certified by the Canadian Standard Association (CSA). AC Power Cord has a grounding-type A C line plug. This is a safety feature to be sure that the

plug will fit into the power outlet. Do not try to defeat this safety feature. Should you be unable to insert the plug into the outlet, contact your electrician. GROUND AC Power Cord for the United Kingdom: This cord is already fitted with a moulded plug incorporating a fuse, the value of which is indicated on the pin face of the plug.

Should the fuse need to be replaced, an ASTA approved BS1362 fuse must be used of the same rating, marked thus

. If the fuse cover is detachable, never use the plug with the cover omitted. If a

replacement fuse cover is required, ensure it is of the same colour as that visible on the pin face of the plug (i.e. red or orange).

Fuse covers are available from the Parts Department indicated in your User Instructions.

If the plug supplied is not suitable for your socket outlet, it should be cut off and destroyed. The end of the flexible cord should be suitably prepared and the correct plug fitted.

WARNING: A PLUG WITH BARE FLEXIBLE CORD IS HAZARDOUS IF ENGAGED IN A LIVE SOCKET OUTLET.

The Wires in this main lead are coloured in accordance with the following code: Green-and-yellow..Earth Blue . . . .

. . . . . Neutral Brown . . .

. . . . .

. Live As the colour of the wires in the main 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. WARNING: THIS APPARATUS MUST BE EARTHED.

ASA THE SOCKET-OUTLET SHOULD BE INSTALLED NEAR THE EQUIPMENT AND EASILY ACCESSIBLE. Part Names and Functions Front Infrared Remote Receiver Zoom Ring Focus Ring Projection Lens Lens Cap (See page 63 for attaching.) Do not turn on a projector with lens cap attached. High temperature from light beam may damage lens cap and result in fire hazard.

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Speaker CAUTION Back Exhaust Vent CAUTION Hot air is exhausted from the exhaust vent. Do not put heat-sensitive objects near this side. Lamp Cover Air Intake Vent USB Connector (Series B) Terminals and Connectors Top Controls and Indicators LAN Connection Terminal USB Connector (Series A) Power Cord Connector Filters Adjustable Feet Bottom Note: LAN Connection Terminal and USB Connector (Series A) are for the Network function. Refer to the owner's manual "Network Set-up and Operation". Kensington Security Slot This slot is for a Kensington lock used to deter theft of the projector.  
\*Kensington is a registered trademark of ACCO Brands Corporation.

Part Names and Functions Rear Terminal CONTROL PORT When the projector is controlled by a computer, connect to this jack with serial control cable. COMPUTER IN 1 / COMPONENT IN Connect output signal from a computer, RGB scart 21-pin video output or component video output to this terminal (pp.16,18). MONITOR OUT This terminal can be used to output the incoming analog RGB signal from COMPUTER IN 2 / DVI-I terminal or COMPUTER IN 1 / COMPONENT IN terminal to the other monitor (p.16). COMPUTER IN / DVI-I Connect computer output (Digital/Analog DVI-I type) to this terminal (p.16). LAN Connection Terminal Connect the LAN cable (refer to the owner's manual "Network Set-up and Operation"). USB Connector (Series A) Connect the USB cable (refer to the owner's manual "Network Set-up and Operation"). S-VIDEO IN Connect the S-VIDEO output signal from video equipment to this jack (p.17). AUDIO OUT (VARIABLE) Connect an external audio amplifier to this jack (pp.16-18). This terminal outputs sound from AUDIO IN terminal (or). COMPUTER IN 1 / COMPUTER AUDIO IN Connect the audio output (stereo) from a computer or video equipment connected to or to this jack (pp.16,18). AUDIO IN Connect the audio output signal from video equipment connected to or to this jack. For a mono audio signal (a single audio jack), connect to the L (MONO) jack (p.17). VIDEO IN Connect the composite video output signal to this jack (p.17). USB Connector (Series B) In order to operate the computer with the remote control and use the PAGE buttons on the remote control during a presentation, connect the USB port of the computer to the USB terminal with a USB cable (not supplied) (p.16). Part Names and Functions Top Control SELECT button Execute the selected item (p.23). E expand or compress the image in the Digital zoom E mode (p.38). POINT (VOLUME +/-) buttons Select an item or adjust the value in the On-Screen S Menu (p.23). In the image in the Digital zoom + mode (p.38). Adjust the volume level (Point buttons) (p.26). A INPUT button Select an input source (pp.29-30,39-40). ON/STANDBY button Turn the projector on or off (pp.20-22). POWER indicator Lights red when the projector is in stand-by mode. L Lights green during operations. L Links green in the Power management mode B (p.53). MENU button Open or close the On-Screen Menu (p.23). AUTO SETUP/CANCEL button Correct vertical keystone distortion and adjust computer display parameters such as Fine sync, Total dots, and Picture position (pp.25,47). Display the image in USB thumb drive or return to the menu bar in Memory Viewer menu. Refert to the owner's manual of "Memory Viewer function". WARNING indicator Lights red when the projector detects an abnormal L condition. Links red when the internal temperature of the B projector exceeds the operating range (pp.61,72). LAMP REPLACE indicator Lights yellow when the projection lamp reaches its end of life (pp.64,72). WIRELESS indicator Turn green when the wireless communication is established in the network. 10 Part Names and Functions Remote Control L-CLICK button Act as the left mouse button for wireless mouse operation. (p.13) ON/STANDBY button Turn the projector on or off. (pp.20-22) SIGNAL EMISSION indicator Lights red while the laser beam is being emitted from the laser light window or a signal is being sent from the remote control to the projector. LASER LIGHT window A laser beam is emitted from here. (p.12) VIDEO button Select the VIDEO input source. (p.39) COMPUTER button Select the COMPUTER input source. (pp.29-30,40) INFO. button Operate the information function. (p.60) KEYSTONE button Correct keystone distortion. (pp.25,48) Point (VOLUME +/-) buttons Select an item or adjust the value in the On-Screen Menu. (p.23) Pan the image in the Digital zoom + mode. (p.38) Adjust the volume level. (Point buttons) (p.26) MENU button Open or close the On-Screen Menu. (p.23) FREEZE button Freeze the picture on the screen. (p.27) LASER button Operate the Laser pointer function. Laser beam is emitted while pressing this button within 1 minute. When using this laser pointer for more than 1 minute, release the LASER button and press it again. (p.12) Display the Pointer on the screen. (p.12) PAGE buttons Scroll back and forth the pages on the screen when giving a presentation. Use these buttons, connect the projector and your computer with a USB cable. (pp.9,16) LAMP button Select a lamp mode. (pp.27,55) D. ZOOM buttons Zoom in and out the images. (pp.27,38) RESET/ON/ALL-OFF switch When using the remote control, set this switch to "ON." Set it to "ALL OFF" for power saving when it is not used. Slide this switch to "RESET" to initialize the remote control code or switch Spotlight and Pointer to the Laser pointer function. (pp.12-13) SCREEN button Select a screen mode. (pp.28,37,45) IMAGE button Select the image mode. (pp.28,35,42) MUTE button Mute the sound. (p.26) P-TIMER button Operate the P-timer function. (p.28) NO SHOW button Temporarily turn off the image on the screen. (p.28) R-CLICK button Act as the right mouse button for wireless mouse operation. (p.13) SELECT button Execute the selected item. (p.23) Expand or compress the image in Digital zoom mode. (p.38) PRESENTATION POINTER button Move a pointer of the projector or a pointer for wireless mouse operation. (pp.12-13) AUTO SET/CANCEL button - Correct vertical keystone distortion and adjust the PC display parameters. (pp.25,47) Display the image in USB thumb drive or return to the menu bar in Memory Viewer menu. Refert to the owner's manual of "Memory viewer". NETWORK button Select the Network input. See owner's manual "Network Set-up and Operation" and owner's manual of "Memory viewer".

Note: To ensure safe operation, please observe the following precautions: Do not bend, drop, or expose the remote control to moisture or heat. For cleaning, use a soft dry cloth. Do not apply benzene, thinner, spray, or any chemical material. 11 Part Names and Functions Laser Pointer Function This remote control emits a laser beam from the laser light window. Press the LASER button to activate the laser pointer. This signal emission indicator lights red and the red laser beam is emitted. If the LASER button is pressed for more than one minute or if it is released, the laser light goes off. The laser emitted is a Class II laser. Do not look into the laser light window or point the laser beam at yourself or other people. The following is the caution label for the laser beam. CAUTION: Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. Never look directly into the laser light window while a laser is emitted, otherwise eye damage may result.



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The caution label is put on the remote control. Signal Emission Indicator Laser Light Window Pointer Function  
You can move the Spotlight or Pointer of the projector with the remote control to emphasize a part of the projected image. 1 Press and hold the MENU and NO SHOW buttons for more than 5 seconds to activate the Pointer function.

(The Laser pointer has switched to the Pointer function.) Press the LASER button on the remote control pointing toward the projector. The Spotlight or Pointer is displayed on the screen with the LASER button lighting green. Then move the Spotlight or Pointer with the PRESENTATION POINTER button. If the LASER button does not light green and continues to emit a laser beam, try the above mentioned procedure until the LASER button lights green.

To clear the Spotlight or Pointer out the screen, press the LASER button pointing toward the projector and see if the LASER button lighting is turned off.

To switch to the Laser pointer again, press and hold the NO SHOW and MENU buttons for more than 5 seconds or slide the RESET/ON/ALL-OFF switch to RESET and then to ON. When you reset the Pointer function, the remote control code will be reset, as well. Spotlight Pointer PRESENTATION POINTER button MENU button NO SHOW button Press and hold the MENU and NO SHOW buttons for more than 5 seconds. 3 PRESENTATION POINTER button LASER button After the Laser pointer has switched to the Pointer, use the LASER button as the Pointer function ON-OFF switch. Press the LASER button pointing toward the projector and see if it lights green. Note: You can choose the size of Spotlight (Large/Middle/Small) and the pattern of Pointer (Arrow/Finger/Dot) in the Setting Menu. See "Pointer" on page 52. 1 Part Names and Functions wireless Mouse Operation

The remote control can be used as a wireless mouse for your computer. 1 Before operating the wireless mouse, connect your computer and the projector with a USB cable (not supplied).

See "Connecting to a Computer" on page 16. When the Pointer function is used, the wireless mouse is not available. When a USB cable is connected to the computer and the projector, turn on the projector first, then the computer. If you turn on the computer first, the wireless mouse function may not operate correctly. PRESENTATION POINTER button Move the pointer on the screen with this button. R-CLICK button Act as right (click) mouse button while the projector and a computer are connected with a USB cable. L-CLICK button Act as left (click) mouse button while the projector and a computer are connected with a USB cable. Remote Control Code The eight different remote control codes (Code 1 Code 8) are assigned to this projector. Switching the remote control codes prevents interference from other remote controls when several projectors or video equipment next to each other are operated at the same time. Change the remote control code for the projector first before changing that for the remote control.

See "Remote control" in the Setting Menu on page 55. 1 While pressing the MENU button, press the IMAGE button number of times corresponding to the remote control code. The code switches sequentially for one pressing the IMAGE button. See the list below. To initialize the remote control code, slide the RESET/ON/ALL-OFF switch to RESET, and then to ON.

The initial code is set to Code 1. Remote Control Code Code 1 Code Code 3 Code Code 5 Code Code Number of Times Pressing IMAGE Button 1 3 5 While pressing the MENU button, press the IMAGE button number of times corresponding to the remote control code. MENU button IMAGE button RESET/ON/ALLOFF switch 13 Part Names and Functions Remote Control Battery Installation 1 Open the battery compartment lid. Press the lid downward and slide it. Install new batteries into the compartment.

Two AAA size batteries For correct polarity (+ and -), be sure battery terminals are in contact with pins in compartment. 3 Replace the compartment lid.

To ensure safe operation, please observe the following precautions: Use two (2) AAA or LR03 type alkaline batteries. Always replace batteries in sets.

Do not use an new battery with a used battery. Avoid contact with water or liquid. Do not expose the remote control to moisture or heat. Do not drop the remote control.

If the battery has leaked on the remote control, carefully wipe the case clean and install new batteries. Risk of an explosion if battery is replaced by an incorrect type.

Dispose of used batteries according to the instructions or your local disposal rule or guidelines. Remote Control Operating Range Point the remote control toward the projector (Infrared Remote Receiver) when pressing the buttons. Maximum operating range for the remote control is about 16.4' (5 m) and 60 degrees in front of the projector. 16.4' (5 m) 30° 30° Remote control Adjustable Feet Projection angle can be adjusted up to 12.0 degrees with the adjustable feet.

Lift the front of the projector and press the feet lock latches on both sides of the projector. Release the feet lock latches to lock the adjustable feet and rotate the adjustable feet to a proper height and tilt. Keystone distortion can be adjusted automatically with the Auto setup function or manually by using the remote control or the menu operation (see pages 25, 47-48).

Feet Lock Latches Adjustable Feet 1 Installation Positioning the Projector

For projector positioning, see the figures below. The projector should be set perpendicular to the plane of the screen. Note:

The brightness in the room has a great influence on picture quality. It is recommended to limit ambient lighting in order to obtain the best image.

All measurements are approximate and may vary from the actual sizes.

23.7' (7.23 m) 15.8' (4.81 m) 11.

8' (2.39 m) 7.8' (2.39 m) 2.3' (0.69 m) 186" 124" 93" 62" B A 30" 30" 2.3' (0.69 m) 3.7' (1.14 m) 7.

8' (2.39 m) 12.7' (3.88 m) 11.8' (3.6 m) 19.1' (5.83 m) 15.8' (4.81 m) --23.

7' (2.13 m) --- 15 Installation Connecting to a Computer Cables used for connection ·VGA Cable (Mini D-sub 15 pin) \* ·DVI-VGA Cable ·DVI Cable ·USB Cable

·Audio Cables (\* One cable is supplied; other cables are not supplied with the projector.) Audio Output Monitor Output Monitor Input Monitor Output

External Audio Equipment VGA USB cable cable Audio cable (stereo) VGA cable DVI cable DVI-VGA cable Audio Input COMPUTER MONITOR COMPUTER

IN1 OUT IN2/DVI-I Audio cable (stereo) AUDIO OUT (stereo) COMPUTER2 AUDIO IN Note: ·Input sound to the COMPUTER1/COMPUTER2 AUDIO IN

terminal when using the COMPUTER IN2/DVI-I and the COMPUTER IN1/COMPONENT IN terminal as input. ·When the AUDIO OUT is plugged-in,

the projector's built-in speaker is not available. ·USB cable connection is needed when operating the computer with the remote control or using the PAGE buttons on the remote control.

Unplug the power cords of both the projector and external equipment from the AC outlet before connecting cables. 1 Installation Connecting to Video Equipment

·Video and Audio Cable (RCA x3) ·S-VIDEO Cable ·Audio Cable (Cables are not supplied with the projector.) Cables used for connection External Audio Equipment

Video and Audio Output (R) (L) (Video) Audio Input S-Video Output Video and audio cable Audio cable (stereo) S-Video cable AUDIO IN VIDEO

AUDIO OUT (stereo) S-VIDEO ·When the AUDIO OUT is plugged-in, the projector's built-in speaker is not available.



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*The S-VIDEO jack connection overrides the VIDEO jack connection when selecting Auto in the Input Menu (p.41).*

*Note: Unplug the power cords of both the projector and external equipment from the AC outlet before connecting cables. 1 Installation Connecting to Component Video Equipment Cables used for connection -Audio Cables -Scart-VGA Cable -VGA Cable -Component Cable -Component-VGA Cable (Cables are not supplied with this projector.) RGB Scart 2 Pin Output Component Video Output Monitor Input (Y,Pb/Cb,Pr/Cr) Audio Output Component cable Scart-VGA cable Component VGA cable Audio Input COMPUTER IN1/COMPONENT IN MONITOR OUTPUT COMPUTER1/AUDIO IN VGA cable Audio cable (stereo) External Audio Equipment Audio cable (stereo) AUDIO OUT (stereo) Note: -When the AUDIO OUT is plugged-in, the projector's built-in speaker is not available. -See page 76 for ordering optional cables. Unplug the power cords of both the projector and external equipment from the AC outlet before connecting cables. 1 Installation Connecting the AC Power Cord This projector uses nominal input voltages of 100-120V or 200-240VAC and it automatically selects the correct input voltage. It is designed to work with single-phase power systems having a grounded neutral conductor. To reduce the risk of electrical shock, do not plug into any other type of power system. If you are not sure of the type of power being supplied, consult your authorized dealer or service station. Connect the projector with all peripheral equipment before turning the projector on.*

*Connect the AC power cord (supplied) to the projector. The AC outlet must be near this equipment and must be easily accessible. CAUTION Note: Unplug the AC power cord when the projector is not in use. When this projector is connected to an outlet with the AC power cord, it is in Stand-by mode and consumes a little electric power. NOTE ON THE POWER CORD AC power cord must meet requirements of the country where you use the projector. Confirm the AC plug type with the chart below and proper AC power cord must be used. If supplied AC power cord does not match your AC outlet, contact your sales dealer.*

*Projector side For the U.S.A.*

*and Canada Ground AC outlet side For Continental Europe For the U.K. Topower cord connector on your projector. To the AC outlet. (10 V AC) To the AC outlet. (00 - 0 V AC) To the AC outlet. (00 - 0 V AC) 1 Basic Operation Turning On the Projector 1 3 5 Complete peripheral connections (with a computer, VCR, etc.) before returning on the projector. Connect the projector's AC power cord into an AC outlet. The POWER indicator lights red. Open the lens cap (see pages 8, 63). Press the ON/STAND-BY button on the top control or on the remote control. The POWER indicator lights green and the cooling fans start to operate. The preparation display appears on the screen and the countdown starts. After the countdown, the input source that was selected the last time and the lamp control status icon (see page 55) appear on the screen. If there is no signal input when start on the projector, or the current signal is missed while operating the projector, the Video/PC selection window will be displayed on the screen, please move the pointer to input source desired by pressing the Point buttons and press the SELECT button. And then follow the input signal guidance window to correct the signal and connection. If the projector is locked with a PIN code, PIN code input dialog box will appear. Enter the PIN code as instructed on the next page. 1 The preparation display will disappear after 30 seconds.*

*Selected Input Source and Lamp Control Video Lamp control status (See page 55 for Lamp control status.) Note: The Filter warning and Lamp replacement icons may appear on the screen depending on the usage state of the projector. Video / PC selection window Cancel Input signal guidance window No signal Current Input setting: Video Is signal processed correctly? Is cable connected properly? Video / PC selection window Note:*

*-When the Logo select function is set to Off, the logo will not be shown on the screen (p.49). -When Countdown off or Off is selected in the Display function, the countdown will not be shown on the screen (p.48). -When the Input Search function is set to On, the input signal will be searched automatically (p.47). -When Off is selected in the Display function, the Video/ PC selection window and the input signal guidance window are not shown on the screen (p.*

*48) Cancel Input signal guidance window No signal Current Input setting: RGB Is signal processed correctly? Is cable connected properly? 0 Installation Use the Point buttons to enter a number. Press the Point button to fix the number and move the red frame pointer to the next box. The number changes to. If you fix a number in incorrect number, use the Point button to move the pointer to the number you want to correct, and then enter the correct number.*

*Repeat this step to complete entering a four-digit number.*

*After entering the four-digit number, move the pointer to Set. Press the SELECT button so that you can start to operate the projector.*

*If you entered an incorrect PIN code, PIN code and the number() will turn red for a moment. Enter the correct PIN code all over again. Enter a PIN code PIN Code Input Dialog Box After the OK icon disappears, you can operate the projector.*

*what is PIN code? PIN (Personal Identification Number) code is a security code that allows the person who knows it to operate the projector. Setting a PIN code prevents unauthorized use of the projector. A PIN code consists of a four-digit number. Refer to the PIN code lock function in the Setting Menu on pages 56-57 for locking operation of the projector with your PIN code. Note: -If the PIN code number is not entered within three minutes after the PIN code dialog box appeared, the projector will be turned off automatically. -The "1234" is set as the initial PIN code at the factory.*

*If you forget your PIN code, the projector cannot be started. Take a special care in setting a new PIN code; write down the number in a column on page 79 of this manual and keep it on hand. Should the PIN code be missing or forgotten, consult your dealer or service center. CAUTION ON HANDLING PIN CODE 1 Basic Operation Turning Off the Projector 1 Press the ON/STAND-BY button on the top control or on the remote control, and Power off? appears on the screen.*

*Press the ON/STAND-BY button again to turn off the projector. The POWER indicator starts to blink red, and the cooling fans keep running (You can select the level of fans' quietness and speed. See "Fan" on page 58.). At this time, you can unplug the AC power cord even if the fans are still running.*

*When the projector has cooled down enough, the POWER indicator stops blinking and you can turn on the projector. Power off? disappears after 4 seconds. 3*

*TOMAINTAINTHELIFE OF THE LAMP, ONCE YOU TURN THE PROJECTOR ON, WAIT AT LEAST FIVE MINUTES BEFORE TURNING IT OFF. DONOT OPERATE THE PROJECTOR CONTINUOUSLY WITHOUT REST. CONTINUOUS USE MAY RESULT IN SHORTENING THE LAMP LIFE. TURN OFF THE PROJECTOR AND LET STAND FOR ABOUT AN HOUR IN EVERY 24 HOURS. Note: -When the On start function is set to On, the projector will be turned on automatically by connecting the AC power cord to an AC outlet (p.54). -The running speed of cooling fans is changed according to the temperature inside the projector. -Do not put the projector in a case before the projector is cooled enough.*

*-If the WARNING indicator blinks or lights red, see "WARNING indicator" on page 61. -While the POWER indicator is blinking, the lamp is being cooled down and the projector cannot be turned on.*



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Wait until the POWER indicator stops blinking to turn on the projector again. The fan rotation will terminate directly if the AC power cord is unplugged immediately after the projector is turned off. The projector can be turned on after the POWER indicator turns red.

The waiting time to restart will be shortened when the normal power-off processing for fan cooling is completed, compared with the time the AC power cord is immediately unplugged after the power off. **Basic Operation How to Operate the On-Screen Menu** The projector can be adjusted or set via the On-Screen Menu. The menus have a hierarchical structure, with a main menu that is divided into submenus, which are further divided into other submenus. For each adjustment and setting procedure, refer to respective sections in this manual. **Top Control POINT buttons (arrowhead) 1** Press the MENU button on the top control or the remote control to display the On-Screen Menu. Use the Point button to highlight or select a main menu item. Press the Point or SELECT button to access the submenu items. (The selected item is highlighted in ORANGE.) **MENU button SELECT button Remote Control POINT buttons (arrowhead) 3 5** Use the Point button to select the desired submenu item and press the SELECT button to set or access the selected item. Use the Point button to adjust the setting or switch between each option and press SELECT button to activate it and return to the submenu.

Press the Point button to return to the main menu; press the MENU button again to exit the On-Screen Menu. **MENU button SELECT button On-Screen Menu Point or SELECT button** The currently set item is checkmarked. The selected item is highlighted in ORANGE. **3 Basic Operation Menu Bar** For detailed functions of each menu, see "Menu Tree" on pages 70-71. **Main Menu Sub-Menu Input RGB RGB (PC digital) Wired 1** Used to select an input source from Computer 1, Computer, Video, S-video or Network (pp. 29-30, 39-40). **PC Adjust Select Fine sync, Total dots, Horizontal, Vertical, Clamp, Display area Hand Display area V** to adjust the parameters to match with the PC input signal format (p. 33). **Image select** For computer source, used to select an image mode among Dynamic, Standard, Real, Blackboard (Green), Colorboard and image 1 - (p. 35). **For Video source, used to select an image mode among Dynamic, Standard, Cinema, Blackboard (Green), Colorboard and Image 1 -** (p. 42). **Image adjust** For computer source, used to adjust computer image [Contrast, Brightness, Color temp., white balance (R/G/B), Sharpness and Gamma] (pp. 36-37). **For Video source, used to adjust picture image [Contrast, Brightness, Color, Tint, Color temp., white balance (R/G/B), Sharpness, Gamma, Noise reduction and Progressive]** (pp. 43-44). **Screen** For computer source, used to adjust size of the image [Normal, True, wide, Full, Custom and Digital zoom +/-] (pp. 36-37). **For Video source, used to** Used to set size of image [Normal, wide and Custom] (p. 45). **Sound** Used to adjust the volume or mute the sound (p. 26). **Setting** Used to set the projector's operating configurations (pp. 46-59). **Information** Display the input source information: Input, H-sync freq., V-sync freq., Screen, Language, Lamp status, Lamp counter, Power management, Key lock, PIN code lock and Remote control (p. 60).

**Network** See owner's manual "Network Set-up and Operation". **Guide** The key operation is displayed. **Basic Operation Zoom and Focus Adjustment** Rotate the Zoom Ring to zoom in and out. Rotate the Focus Ring to adjust the focus of the image. **Zoom Ring Auto Setup Function** Auto setup function is provided to automatically execute the setting of Auto setup (includes Input search, Auto PC adj. and Auto Keystone functions) in the setting menu by just pressing the AUTO SETUP/CANCEL button on the top control or the AUTO SET/CANCEL button on the remote control. Refer to page 47 for the setting of the Auto setup function. **Focus Ring Top Control AUTO SETUP/CANCEL button Note:** Auto Keystone corrects vertical distortion only; it does not correct horizontal distortion. Auto Keystone cannot work when Ceiling feature is set to On in the Setting menu (p. 52). **Perfect correction of the image distortion cannot be ensured with the Auto setup function. If the distortion cannot be corrected properly by pressing the AUTO SETUP/CANCEL or AUTO SET/CANCEL button, adjust manually by pressing the KEYSTONE button on the remote control or selecting Keystone in the Setting menu (p. 48).** Fine sync, Total dots, Horizontal and Vertical position of some computers cannot be fully adjusted with the Auto PC Adjustment function. When the image is not provided properly with this operation, manual adjustments are required (pp.

33-34). **POINT buttons Remote Control KEYSTONE button AUTO SET/CANCEL button POINT buttons Keystone Correction** If a projected picture still has keystone distortion after pressing the AUTO SETUP/CANCEL button on the top control or the AUTO SET/CANCEL button on the remote control, correct the image manually as follows: Press the KEYSTONE button on the remote control. The Keystone dialog box appears. Use the Point button to correct keystone distortion. The keystone adjustment can be stored (see page 48).

Reduce the upper width with the Point button. Reduce the lower width with the Point button. The white arrows indicate that there is no correction. A red arrow indicates the direction of correction. A narrow bar appears at the maximum correction. If you press the KEYSTONE button on the remote control once more while the keystone dialog box is being displayed, the keystone adjustment will be canceled. The adjustable range is limited depending on the input signal. **5**

**Basic Operation Sound Adjustment Direct Operation Volume** Press the VOLUME+ button on the top control or on the remote control to adjust the volume. The volume dialog box appears on the screen for a few seconds. **Top Control VOLUME+ buttons Mute Remote Control** Press the MUTE button on the remote control to select On to temporarily turn off the sound.

To turn the sound back on, press the MUTE button again to select Off or press the VOLUME+ buttons. The Mute function is also effective for the AUDIO OUT jack. **VOLUME- button VOLUME+ button Menu Operation 1** Press the MENU button to display the On-Screen Menu. Use the Point buttons to select Sound. Press the Point or the SELECT button to access the submenu items. Use the Point buttons to select the desired submenu item and press the SELECT button to access the selected item. **MUTE button Volume Dialog Box** Approximate level of the volume. **Volume** Press the Point button to turn up the volume; press the Point button to turn down the volume. **Mute** Press the SELECT button to switch the mute function On/Off. When the sound is turned off, On is displayed. Press the VOLUME+ buttons again to turn the sound back on. Press the MUTE button to set the Mute function On or Off. The dialog box disappears after 4 seconds. **Sound Menu 33 Basic Operation Remote Control Operation** Using the remote control for some frequently used operations is advisable. Just pressing one of the buttons enables you to make the desired operation quickly without calling up the On-Screen Menu.

**COMPUTER/VIDEO/NETWORK button** Press the COMPUTER, VIDEO or NETWORK button on the remote control to select the input source. See pages 29, 30, 39-40 for details.



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Refer to the owner's manual "Network Set-up and Operation" for details about the network input. Remote Control COMPUTER button INFO. button VIDEO button NETWORK button FREEZE button Press the FREEZE button on the remote control to freeze the picture on the screen. To cancel the Freeze function, press the FREEZE button again or press any other button. Fig. 1 will appear on the screen menu while the Freeze function is working. Fig. 1 FREEZE button D.ZOOM buttons LAMP button INFO. button Display the input source information: Input, H-sync freq., V-sync freq., Screen, Language, Lamp status, Lamp counter, Power management, Keylock, PIN code lock and Remote control (p.60).

Note: See the next page for the description of other buttons. D.ZOOM buttons Press the D.ZOOM buttons on the remote control to enter to the Digital zoom +/- mode. See page 38 for details. LAMP button Press the LAMP button on the remote control to select the lamp mode for changing the brightness on the screen. Normal ... .. Normal brightness. . Eco.

..... Lower brightness reduces the lamp power consumption and extends the lamp life. Basic Operation NO SHOW button Press the NOSHOW button on the remote control to blackout the image. To restore to normal, press the NOSHOW button again or press any other button. When a projected image is captured and set as User in the Log selection (see page 49), the screen changes each time you press the NOSHOW button as follows.

blackout the captured image normal ..... No show disappears after 4 seconds. P-TIMER button Press the P-TIMER button on the remote control. The P-Timer display 00:00 appears on the screen and the countdown starts (00:00:59). To stop the countdown, press the P-TIMER button. To cancel the P-Timer function, press the P-TIMER button again. 02:02 P-Timer display IMAGE button Press the IMAGE button on the remote control to select a desired image mode of the screen. See pages 35, 42 for details. NO SHOW button P-TIMER button SCREEN button Select the screen size (See pages 37, 45 for details). IMAGE button SCREEN button Note: See the previous page for the description of other buttons. Computer Input Input Source Selection (RGB: Computer I/Computer (Analog)) Direct Operation Choose either Computer I or Computer by pressing the INPUT button on the top control or press the COMPUTER button on the remote control.

Before using these buttons, correct input source should be selected through Menu operation as described below. Top Control Remote Control COMPUTER button Computer I Computer INPUT button Computer I Computer Video S-video Network Menu Operation Input Menu RGB RGB(PC digital) I 3 Press the MENU button to display the On-Screen Menu. Use the Point button to select Input and then press the Point or SELECT button.

Use the Point button to select either Computer I or Computer and then press the Point or SELECT button to access the submenu items. When Computer I is selected, use the Point button to select RGB and then press the SELECT button.

When Computer I is selected, use the Point button to select RGB (Analog) and then press the SELECT button. Wired I RGB RGB(PC digital) Wired I Computer I Note: Network is for the Network function. See owner's manual "Network Set-up and Operation". When the Input Search function is set to On I or On In the Auto setup function, the input signal will be searched automatically (p.47).

Computer Input Input Source Selection (RGB(PC digital), RGB(AV HDCP)) Direct Operation Choose Computer by pressing the INPUT button on the top control or press the COMPUTER button on the remote control.

Before using these buttons, correct input source should be selected through Menu operation as described below. Remote Control COMPUTER button Computer I Computer Top Control INPUT button Computer I Computer Video S-video Network Input Menu RGB RGB(PC digital) Menu Operation Wired I I 3 Press the MENU button to display the On-Screen Menu. Use the Point button to select Input and then press the Point or SELECT button. Use the Point button to select Computer and then press the Point or SELECT button. Use the Point button to select RGB(PC digital) or RGB(AV HDCP) and then press the SELECT button. RGB RGB(PC digital) Wired I Note: HDCP (High-bandwidth Digital Content Protection) is a system for protecting digital entertainment content delivered by DVI (Digital Visual Interface) from being copied. The specification of HDCP is decided and controlled by Digital Content Protection, LLC. Should the specification be changed, this projector may not display the digital content protected by HDCP. Network is for the Network function.

See owner's manual "Network Set-up and Operation". When the Input Search function is set to On I or On, the input signal will be searched automatically (p.47). Computer 30 Computer Input Computer System Selection This projector automatically tunes to various types of computers with its Multi-scans system and Auto PC Adjustment. If a computer is selected as a signal source, this projector automatically detects the signal format and tunes to project a proper image without any additional settings. (Signal formats provided in this projector are shown on pages 73-74)

One of the following messages may appear when: Auto The projector cannot recognize the connected signal conforming to the provided PC Systems. Auto is displayed on the System Menu box and the Auto PC Adjustment function works to display proper images. If the image is not projected properly, a manual adjustment is required (pp.33-34). There is no signal input from the computer.

Check the connection between your computer and the projector. (See "Troubleshooting" on page 66.) The preset system is manually adjusted in the PC adjust Menu. The adjusted data can be stored in Mode 1-5 (pp.33-34).

PC Systems provided in this projector is chosen. The projector chooses a proper system provided in the projector and displays it. PC System Menu ----- Mode 1 The PC System Menu Selected system is displayed. SVGA I \*Mode 1 and SVGA I are examples. Selecting Computer System Manually PC system can also be selected manually.

PC System Menu I 3 Press the MENU button to display the On-Screen Menu. Use the Point button to select Input and then press the Point or SELECT button. Use the Point button to select System and then press the Point or SELECT button. Use the Point button to select the desired system and then press the SELECT button. Systems in this dialog box can be selected. Customized Mode (15) set in the PC adjust Menu (pp.33-34). 31 Computer Input Auto PC Adjustment Auto PC Adjustment function is provided to automatically adjust Fine sync, Total dots, Horizontal, Vertical to conform to your computer. Menu Operation Auto PC adj. PC adjust Menu 1 Press the MENU button to display the On-Screen Menu.

Use the Point button to select PC adjust and then press the Point button or the SELECT button. Use the Point button to select Auto PC adj. and then press the SELECT button. To store adjustment parameters The adjusted parameters from the Auto PC Adjustment can be stored in the projector. Once the parameters are stored, the setting can be done just by selecting a Mode (15) in the PC System Menu (see page 31). See also "Store" on page 34. Note: Fine sync, Total dots, Horizontal and Vertical position of some computers cannot be fully adjusted with the Auto PC Adjustment function.



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When the image is not provided properly with this operation, manual adjustments are required (pp.33-34). The Auto PC Adjustment cannot be operated when 0i, 55i, 0p, 55p, 0p, 1035i or 100i is selected in the PC System Menu (p.

31) or when the signal is coming from the DVI-terminal. Use Point buttons to select Auto PC adj. and press the SELECT button. Please wait. appears while the Auto PC adjustment is in process. 3 Computer Input Manual PC Adjustment Some computers employ special signal formats which may not be tuned by Multi-scan system of this projector. Manual PC Adjustment enables you to precisely adjust several parameters to match those signal formats. The projector has five independent memory areas to store those parameters manually adjusted.

It allows you to recall the setting for a specific computer. 1 Press the MENU button to display the On-Screen Menu. Use the Point button to select PC adjust and then press the Point or SELECT button. Use the Point button to select the desired item and then press the SELECT button to display the adjustment dialog box. Use the Point button to adjust the setting value. PC adjust Menu Fine sync Use the Point button to adjust the value, eliminating a flicker from the image displayed (from 0 to 31). Total dots Use the Point button to adjust the number of total dots in one horizontal period to match your PC image. Horizontal Use the Point button to adjust the horizontal picture position. Vertical Use the Point button to adjust the vertical picture position. Clamp Use the Point button to adjust the clamp level.

When the image has dark bars, try this adjustment. Display area H Use the Point buttons to adjust the horizontal area displayed by this projector. Display area V Use the Point buttons to adjust the vertical area displayed by this projector. 33 Computer Input Reset To reset the adjusted data, select Reset and press the SELECT button. A confirmation box appears and then select yes. All adjustments will return to their previous figures. Mode free Mode free To clear the stored data, select Mode free and then press the Point or the SELECT button. Move the highlight to the Mode that you want to clear and then press the SELECT button. This mode has stored parameters. Store To store the adjusted data, select Store and then press the Point or the SELECT button. Move the highlight to one of the Modes 1 to 5 in which you want to store, and then press the SELECT button. Values of Total dots, Horizontal, Vertical, Display area Hand Display area V. Store Store Vacant Where to store? Press MENU button to close this dialog box. Press SELECT button to store adjusted data Note: Display area (H/V) cannot be selected when 0i, 55i, 0p, 55p, 0p, 1035i or 100i is selected in the PC System Menu (p.31).

PC adjust Menu cannot be selected when Computer (PC digital) is selected in the Input Menu (p.30). 3 Computer Input Image Mode Selection Direct Operation Select the desired image mode among Dynamic, Standard, Real, Blackboard (Green), Colorboard, Image 1, Image , Image 3 and Image by pressing the IMAGE button on the remote control. Remote Control IMAGE button Dynamic Standard Real IMAGE button Blackboard (Green) Colorboard Image 1 Menu Operation Image Image 3 Image 1 Press the MENU button to display the On-Screen Menu. Use the Point button to select Image and then press the Point or SELECT button.

Use the Point button to select the desired item and then press the SELECT button. Dynamic For viewing pictures in a bright room. Standard Normal picture mode preset on the projector. Real Picture mode with improved half tone for graphics. Blackboard (Green) For the image projected on a blackboard. This mode helps enhance the image projected on a blackboard. This is mainly effective on a green colored board, not truly effective on a black colored board. Colorboard At the time of simple projection on the colored wall, you can get the close color image to the color image projected on a white screen by selecting the similar color to the wall color from the preset four colors. Image 1 For viewing with the user preset image mode in the Image Adjust Menu (see pages 36-37). This Image memory is provided in each computer, component and video input source.

Image select Menu 35 Computer Input Image Adjustment 1 Press the MENU button to display the On-Screen Menu. Use the Point button to select Image Adjust and then press the Point or SELECT button. Use the Point button to select the desired item and then press the SELECT button to display the adjustment dialog box. Use the Point button to adjust the setting value. Image Adjust Menu Contrast Press the Point button to decrease the contrast; press the Point button to increase the contrast (from 0 to 63). Brightness Press the Point button to decrease the brightness; press the Point button to increase the brightness (from 0 to 63). Color temp. Use the Point button to select the desired Color temp. level (XLow, Low, Mid or High). white balance (Red) Press the Point button to lighten red tone; press the Point button to deepen red tone (from 0 to 63).

Use the Point button to adjust the setting value. Selected Image mode white balance (Green) Press the Point button to lighten green tone; press the Point button to deepen green tone (from 0 to 63). white balance (Blue) Press the Point button to lighten blue tone; press the Point button to deepen blue tone (from 0 to 63). Sharpness Press the Point button to decrease the sharpness of the image; press the Point button to increase the sharpness of the image (from 0 to 15). Gamma Use the Point buttons to adjust the gamma value to obtain a better balance of contrast (from 0 to 15).

Reset To reset the adjusted data, select Reset and press the Point or SELECT button. A confirmation box appears and then select yes. All adjustments will return to their previous figures. Note: When white balance Red, Green or Blue is adjusted, Color temp. will change to User.

When Blackboard (Green) or Colorboard is selected in Image select, Color temp. will change to Blackboard or Colorboard. 3 Computer Input Store To store the adjusted data, select Store and press the Point or SELECT button. Use the Point buttons to select one from Image 1 to 4 and press the SELECT button. A confirmation box appears and then select yes. Stored data can be called up by selecting an Image (1) in the Image Mode Selection on page 35.

A confirmation box appears and then select yes. Screen Size Adjustment This projector has the picture screen resize function, which enables you to customize the image size. Screen Menu 1 Press the MENU button to display the On-Screen Menu. Use the Point button to select Screen and then press the Point or SELECT button.

@ @ True Provide the image in its original size. @ @ When reached to the correction limits, the arrows will disappear. @ @ This function can be used for providing a squeezed video signal at 16:9. Full Provide the full screen image. @ @ @ @ @ @ @ @ @ @ Scale H/V.....

.... Adjust the Horizontal/Vertical screen scale.

H&V.....

.....

.... When set to On, the aspect ratio is fixed. Scale V appears dimmed and becomes unavailable. @ @ Position H/V....

. Adjust the Horizontal/Vertical screen position. Common...

.....

... Save the adjusted scale to all the inputs. Press the SELECT button at Common to display a confirmation box. To save the scale, press the SELECT button at yes. When Custom is selected, the saved scale is used. Reset ...

.....

... Reset the all adjusted values. Press .

the SELECT button at Reset to display a confirmation box. To reset, press the SELECT button at yes.

@@@ThePanningfunctioncanworkonlywhentheimageislarger thanthescreensize. @@@zoom appears.PresstheSELECTbutton to compressimagesize.



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@@@@@@@@@@@@@@@@@@@@@When video input signal is connected to the SVIDEOjack,selectS-video. Video RGB RGB(PC digital) Wired 1 Note:  
-Network is for the Network function. See the owner's manual "NetworkSet-upandOperation". -WhentheInputSearchfunctionissettoOn1orOnin  
theAutosetupfunction,theinputsignalwillbesearchedautomatically(p.47). 3 Video Input Input Source Selection (Component, RGB Scart 1-pin) Direct  
Operation ChooseComputer 1(Component) orComputer 1(Scart)bypressingtheINPUTbuttononthetopcontrolor  
presstheCOMPUTERbuttonontheremotecontrol. Before using these buttons, correct input source should be selected through Menu operation as described  
below. Remote Control COMPUTER button Computer 1 Computer Top Control INPUT button Computer 1 Computer Video S-video Menu Operation Network  
1 3 Input Menu RGB RGB(PC digital) Press the MENU button to display the On-Screen Menu. Use the Point buttons to select Input and  
thenpressthePointorSELECTbutton. UsesthePointbuttonstoselectComputer 1and thenpressthePointbutton.

UsesthePointbuttonstoselectComponentor RGB(Scart) andthenpresstheSELECTbutton. Wired 1 Component Whentheinputsourceiscomingfromvideo equipment  
connected to the COMPUTER IN 1/COMPONENT IN terminal with a Component-VGACable,selectComponent. RGB RGB(PC digital) Wired 1 RGB (Scart)  
Whentheinputsourceiscomingfromvideo equipment connected to the COMPUTER IN1/COMPONENTINterminalwithaScartVGACable,selectRGB (Scart).  
Note: -Network is for the Network function. See owner's manual "NetworkSet-upandOperation". -WhentheInputSearchfunctionissettoOn1orOn,  
theinputsignalwillbesearchedautomatically(p.47). 0 Video Input Video System Selection 1 3 PresstheMENUbuttontodisplaytheOn-Screen  
Menu.UsesthePointbuttonstoselectInputand thenpressthePointorSELECTbutton. UsesthePointbuttonstoselectVideo,S-videoor Computer  
1(Component)andthenpressthePoint orSELECTbutton.

UsesthePointbuttonstoselectSystemandthen pressthePointorSELECTbutton.UsesthePoint SELECTbutton. AV System Menu (Video or S-Video)  
buttonstoselectthedesiredsystemandthenpress Video or S-Video Auto The projector automatically detects an incoming video system, and adjusts itself to  
optimize its performance. WhenVideoSystemisPAL-MorPAL-N,selectthesystem manually. PAL/SECAM/NTSC/NTSC

3/PAL-M/PAL-N If the projector cannot reproduce proper video image, select a specific broadcast signal format from among PAL, SECAM, NTSC,NTSC  
.3,PAL-Mand PAL-N. Component Auto The projector automatically detects an incoming video signal, andadjustsitselftooptimizeitsperformance.  
COMPONENT VIDEO SIGNAL FORMAT Iftheprojectorcannotreproducepropervideoimage,select aspecificcomponentvideosignalformatamong0i, 55i,  
Op,55p, Op, 1035iand100i. AV System Menu (Component) System Component Note: TheAVSystemMenucannotbeselectedwhenselecting RGB (Scart).

1 Video Input Image Mode Selection Direct Operation SelectthedesiredimagemodeamongDynamic,Standard, Cinema, Blackboard (Green), Colorboard,  
Image 1, Image , Image 3 and Image by pressing the IMAGE buttonontheremotecontrol. Remote Control IMAGE button Dynamic Standard Cinema Menu  
Operation 1 PresstheMENUbuttontodisplaytheOn-Screen Menu.UsesthePointbuttonstoselectImage selectandthenpressthePointorSELECTbutton.  
UsesthePointbuttonstoselectthedesireditem andthenpresstheSELECTbutton. IMAGE button Blackboard (Green) Colorboard Image 1 Image Image 3 Image  
Dynamic Forviewingpicturesinabrightroom. Standard Normalpicturemodepresetontheprojector. Cinema Picturemodeadjustedwithfinetone. Blackboard  
(Green) Fortheimageprojectedonablackboard. This mode help enhance the image projected on a blackboard. This is mainly effective on a green colored  
board,nottrulyeffectiveonablackcoloredboard.

Colorboard Atthetimeofsimpleprojectiononthecoloredwall,you cangettheclosecolorimagetotheColorimageprojected  
onawhitescreenbyselectingthesimilarcolortothewall colorfromthepresetfourcolors. Image 1 For viewing with the user preset image mode in the Image Adjust  
Menu (see pages 43-44). This Image memory is provided in each computer, component and video input source. Image select Menu Video Input Image  
Adjustment 1 PresstheMENUbuttontodisplaytheOn-Screen Menu.UsesthePointbuttonstoselectImage AdjustandthenpressthePointorSELECTbutton.  
UsesthePointbuttonstoselectthedesireditem andthenpresstheSELECTbuttontodisplaythe adjustmentdialogbox.UsesthePointbuttonsto adjustthettingvalue. Image  
Adjust Menu Contrast PressthePointbuttontodecreasethedcontrast;pressthe Pointbuttontoincreasethedcontrast(from0to63). Brightness  
PressthePointbuttontodecreasethedbrightness;press thePointbuttontoincreasethedbrightness(from0to63). Color  
PressthePointbuttontodecreasethedintensityofthecolor; press the Point button increase the intensity of the color (from0to63).  
Tint PressthePointbuttonstoadjustthetintvaluegeta propercolorbalance(from0to63). Color temp. UsesthePointbuttonstoselectthedesiredColortemp.  
level(High,Mid,LoworXLow). white balance (Red) PressthePointbuttontolighenredtone;pressthePoint buttontodeepenredtone(from0to63).  
Reset Store SelectedImagemode Reset Store UsesthePoint buttonstoadjustthettingvalue. white balance (Green) Press the Point button to lighten green tone;  
press the Pointbuttontodeepengreentone(from0to63). white balance (Blue) Press the Point button to lighten blue tone; press the  
Pointbuttontodeepenbluetone(from0to63). Note: -When white balance Red,GreenorBlueisadjusted,theColortemp.levelwillchangetoUser.  
-TintcannotbeselectedwhenthevideosystemisPAL,SECAM,PAL-MorPAL-N (p.41). -WhenBlackboard(Green) orColorboarddisselectedinImageselect,Color  
temp.willchangeto BlackboardorColorboard. 3 Video Input Sharpness PressthePointbuttontodecreasethesharpnessofthe  
image;pressthePointbuttontoincreasethesharpness oftheimage(from0to15). Gamma Use the Point buttons to adjust the gamma value to  
obtainabetterbalanceofcontrast(from0to15). Noise reduction Noise interference on the screen can be reduced. Select  
oneofthefollowingoptionstogetsmootherimages. Off..

.....Disabled. LI..

.....

...Lowerreduction L..

.....Higherreduction Progressive An interlaced video signal can be displayed in progressive mode.Selectoneofthefollowingoptions.

Off.....Disabled.

LI.....

.....

Foranactivepicture. L.....

.Forastillpicture. Film.....Forwatchingafilm.

Withthisfunction,the projectorreproducespicturesfaithfultothe originalfilmquality. Reset Toresettheadjusteddada,selectReset andpressPoint  
button.Aconfirmationboxappearsandthenselectyes.All adjustmentswillreturntotheirpreviousfigures. Store Tostoretheadjusteddada,selectStoreandpressPoint  
ortheselectbutton.

UsesthePointbuttonstoselect onefromImage1to4andpresstheSELECTbutton. A confirmation box appears and then select yes. Stored data can be called up by  
selecting an Image (1) in the ImageModeSelectiononpage42. Store Menu Note: Noise reductionandProgressivecannotbeselected  
whenOp,55p,Op,1035ior100iisselected (p.



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