



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for HITACHI CP-X385. You'll find the answers to all your questions on the HITACHI CP-X385 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual HITACHI CP-X385  
User guide HITACHI CP-X385  
Operating instructions HITACHI CP-X385  
Instructions for use HITACHI CP-X385  
Instruction manual HITACHI CP-X385

LCD Projector CP-X385W  
**USER'S MANUAL** Vol.1 (Basic)

Thank you for purchasing this projector.

**WARNING** • Please read the accompanying manual "SAFETY INSTRUCTIONS" and this "USER'S MANUAL" thoroughly to ensure correct usage through understanding. After reading, store this instruction manual in a safe place for future reference.

**NOTE** • The information in this manual is subject to change without notice.  
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**Manual abstract:**

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.....29 1 PROJECTOR FEATURES This liquid crystal projector is used to project various computer signals as well as NTSC / PAL / SECAM video signals onto a screen. Little space is required for installation and large images can easily be realized. GUltra High Brightness Crisp, ultra-bright presentations is achieved by using a UHB (ultra high brightness) lamp and a highly efficient optical system GKeystone Distortion Correction GWhisper Mode Equipped Quick correction of distorted images electrically GPartial Magnification Function Interesting parts of images can be magnified for closer viewing Special mode is available for reducing projector noise to achieve quieter operation PREPARATIONS Your projector should come with the items shown below.

Check to make sure that all the items are included. Contact your dealer if anything is missing. NOTE · Keep the original packing material for future reshipment. Power cord (US Type) Projector (with Lens Cap) Liquid Crystal Projector Power cord (UK Type) Power cord (Europe Type) CP-X385W USER'S MANUAL Vol.1 Basic Please read this user's manual thoroughly to ensure correct usage through understanding.

ENGLISH DEUTSCH BEDIENUNGSANLEITUNG Teil 1 Grundlagen Bitte lesen Sie diese Benutzerhandbuch zugunsten der korrekten Bedienung aufmerksam. MANUEL D'UTILISATION Vol.1 Fondements Nous vous recommandons de lire attentivement ce manuel pour bien assimiler le fonctionnement de l'appareil. FRANÇAIS MANUALE D'ISTRUZIONI Vol.1 Informazioni di base Vi preghiamo voler leggere attentamente il manuale d'istruzioni in modo tale da poter comprendere quanto riportato ai fini di un corretto utilizzo del proiettore.

ITALIANO MANUAL DE USUARIO Vol.1 Básico Lea cuidadosamente este manual del usuario para poder utilizar correctamente el producto. GEBRUIKSAANWIJZING Vol.1 Basis Lees voor het gebruik alstublieft deze handleiding aandachtig door, om volledig profijt te hebben van de uitgebreide mogelijkheden. ESPAÑOL BRUKERHÅNDBOK Vol.1 Grunnleggende Vennligst les denne bruksanvisningen grundig for å være garantert driftssikker bruk. NEDERLANDS INSTRUÇÕES DO PROPRIETÁRIO Vol.1 Básico Para assegurar o uso correto do equipamento, por favor leia atentamente este manual do utilizador. NORSEK PORTGÊS RGB cable Video/Audio cable REGULATORY NOTICES Mouse cable (PS/2) STANDBY/ON LASER BLANK User's Manuals (Vol.1/Vol.

2) Safety Instructions VIDEO RGB AUTO MENU KEystone ENTER POSITION RESET Handle Two AA batteries (for the remote control) ASPECT FREEZE MAGNIFY ON OFF ESC MUTE VOLUME SEARCH Carrying Bag Remote Control Transmitter 2 WARNING Precautions to observe in regards to the power cord: Please use extra caution when connecting the projector's power cord as incorrect or faulty connections may result in FIRE AND/OR ELECTRICAL SHOCK. Please adhere to the following safety guidelines to insure safe operation of the projector: · Only plug the power cord into outlets rated for use with the power cord's specified voltage range. · Only use the power cord that came with the projector. · NEVER ATTEMPT TO DEFEAT THE GROUND CONNECTION OF THE THREEPRONGED PLUG! · Make sure that you firmly connect the power cord to the projector and wall outlet. 1 Connect

your devices to the projector Connect your computer, VCR and/or other devices you will be using to the projector. 2 Insert the batteries into the remote control 3 Connect the power cord (1) Connect the connector of the electrical power cord to the AC inlet of the main unit. (2) Firmly plug the power cord's plug into the outlet Power outlet (2) Power cord (1) AC inlet 3 PART NAMES Speaker THE PROJECTOR Indicates the corresponding reference page Zoom Ring Focus Ring Handle Hook Power Switch Remote Control Sensor Lens AC Inlet (to the Power Cord) Ventilation Openings (Intake) Foot Adjuster Lens Cap STANDBY/ON Button KEYSTONE Button Foot Adjuster Button Filter Cover Air Filter and Intake for the Cooling Fan Rear Foot Adjuster INPUT Button LAMP Indicator TEMP Indicator POWER Indicator RESET Button MENU Button ( ) Ventilation Openings (exhaust) S-VIDEO Port COMPONENT VIDEO Y Port CB/PB Port CR/PR Port VIDEO IN Port AUDIO IN R Port AUDIO IN L Port AUDIO IN 1 Port AUDIO IN 2 Port AUDIO OUT Port TERMINAL PANEL Remote Control Sensor RGB IN 1 Port 1 AUDIO IN VIDEO IN S-VIDEO IN RGB IN 2 RGB IN 2 Port AUDIO 1 IN 2 AUDIO OUT USB RGB OUT CONTROL CONTROL Port RGB OUT Port USB Port 4 THE REMOTE CONTROL STANDBY/ON BLANK LASER LASER button BLANK button RGB STANDBY/ON button VIDEO VIDEO button RGB button Disk Pad MOUSE / RIGHT Button AUTO button MENU button ENTER AUTO KEYSTONE button MENU KEYSTONE ENTER button RESET button POSITION ASPECT FREEZE MAGNIFY ON OFF RESET , , , Cursor buttons POSITION button ASPECT button MAGNIFY button FREEZE button ESC ESC button MUTE MUTE button VOLUME VOLUME button SEARCH SEARCH button WARNING · The laser pointer of the remote control transmitter is used in place of a finger or rod. Never look directly into the laser beam outlet or point the laser beam at other people. The laser beam can cause vision problems. AVOID EXPOSURE LASER RADIATIONS IS EMITTED FROM THIS APERTURE CAUTION LASER RADIATION DO NOT STARE INTO BEAM MAX.

OUTPUT: 1mW WAVE LENGTH: 650nm CLASS2 LASER PRODUCT DO NOT STARE INTO BEAM CLASS2 LASER PRODUCT MAX. OUTPUT: 1mW WAVE LENGTH: 650nm IEC60825-1 : 1993+A1:1997 LASER RADIATION Complies with 21 CFR 1040. 10 and 1040. 11 except for deviations pursuant to Laser Notice No.50, dated 2001.

7.26 SMK CORPORATION 6-5-5 Togoshi Shinagawa-ku, Tokyo, JAPAN 142-8511 MANUFACTURED Novemver 2001 PLACE OF MANUFACTURER: A

NOTE · Keep the remote control transmitter away from children and pets.



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· Do not give the remote control transmitter any physical impact. Take care not to drop. · Do not place the heavy objects on the remote control transmitter.  
· Do not wet the remote control transmitter or place it on any wet object. · Do not place the remote control transmitter close to the cooling fan of the projector. · Do not disassemble the remote control transmitter. 5 SETTING UP THE PROJECTOR CAUTION · Install the projector in a suitable environment according to instructions of the accompanying manual "SAFETY INSTRUCTIONS" and this manual. · If you press the elevator buttons without holding the projector, the projector might crash down, overturn, smash your fingers and possibly result in malfunction. To prevent damaging the projector and injuring yourself, ALWAYS HOLD THE PROJECTOR whenever using the elevator buttons to adjust the elevator feet. Angle Adjustment Use the foot adjusters on the bottom of the projector to adjust the projection angle. It is variable within 0° to 9° approximately. 1 Lift up the front side of the projector, and pressing the foot adjuster button, adjust the projection angle. Press the foot adjuster button 2 3 Release the button to lock at the desired angle.

Turn the rear foot adjuster to adjust the left-right slope. Do not force the foot adjuster screws. This could damage the adjusters or cause the lock to fail. Rear Foot Adjuster 6 Adjusting the Screen Size and Projection Distance Refer to the illustrations and tables below to determine the screen size and projection distance. The values shown in the table are calculated for a full size screen a:Distance from the projector to the screen (±10%) b:Distance from the lens center to the bottom of the screen (±10%) c:Distance from the lens center to the top of the screen (±10%) If 4:3 aspect ratio 4 3 Top View Screen size [inches

(m)] 40 (1.0) 60 (1.5) 80 (2.0) 100 (2.5) 120 (3.0) 150 (3.

8) a [inches (m)] Min. 62 (1.6) 94 (2.4) 127 (3.2) 160 (4.

1) 192 (4.9) 241 (6.1) 323 (8.2) Max. 82 (2.

1) 123 (3.1) 164 (4.2) 205 (5.2) 246 (6.3) 308 (7.8) 411 (10.4) a Side View 200 (5.0) 7 CONNECTING YOUR DEVICES Devices You Can Connect to the Projector (Refer to this section for planning your device configuration to use for your presentation.) CAUTION · Incorrect connecting could result in fire or electrical shock. Please read this manual and the separate "SAFETY INSTRUCTIONS".

ATTENTION Precautions to observe when connecting other devices to the projector · Whenever attempting to connect other devices to the projector, please thoroughly read the manual of each device to be connected. · TURN OFF ALL DEVICES prior to connecting them to the projector. Attempting to connect a live device to the projector may generate extremely loud noises or other abnormalities that may result in malfunction and/or damage to the device and/or projector. Refer to the "TECHNICAL" of the USER'S MANUAL (Vol.2) for the pin assignment of connectors and RS-232C communication data. · Make sure that you connect devices to the correct port. Incorrect connection may result in malfunction and/or damage to the device and/or projector. · A component cable and some other cables have to be used with core set. Use the accessory cable or a designated-type cable for the connection. For cables that have a core only at one end, connect the core to the projector.

· Secure the screws on the connectors and tighten. Indicates the corresponding reference page Display monitors DVD players Laptop computers VCRs Desktop computers 8 Ports and Cables Refer to the table below to find out which projector port and cable to use for connecting a given device. Use this table for determining which cables to prepare. Function RGB input RGB IN 2 RGB output RGB OUT AUDIO IN 1 (interlocked with RGB IN 1) Optional audio cable with stereo mini jack AUDIO IN 2 (interlocked with RGB IN 2) USB Optional USB cable Accessory PS/2 mouse cable Optional ADB mouse cable CONTROL Serial mouse control RS-232C communication S-video input Video input S-VIDEO IN VIDEO IN COMPONENT VIDEO Y Component video input COMPONENT VIDEO CB/PB COMPONENT VIDEO CR/PR Audio input (from video equipment) Audio output AUDIO IN L AUDIO IN R AUDIO OUT Accessory audio/video cable or optional audio cable with RCA jack the batteries Align and insert the two AA batteries (that came with the projector) according to their plus and minus terminals (as indicated in the remote control). 3 Close the battery cover Replace the battery cover in the direction of the arrow and snap it back into place.

Operating the remote control · The remote control works with both the projector's front and rear remote sensors. · The range of the remote sensor on the front and back is 3 meters with a 60-degree range (30 degrees to the left and right of the remote sensor). · Since the remote control uses infrared light to send 30 de de gre gre es es signals to the projector (Class 1 LED), be sure to use the remote control in an area free from approximately obstacles that could block the remote control's 3 meters 3 meters output signal to the projector. · Only use the accompanying remote control. Using other remote controls (even of similar models) to control the CP-X385W may result in unexpected operation.

30 ATTENTION Precautions to observe when using the remote control · Do not drop or otherwise expose the remote control to physical impact. · Do not get the remote control wet or place it on wet objects. Doing so may result in malfunction. · Remove the batteries from the remote control and store them in a safe place if you won't be using the remote control for an extended period. · Replace the batteries whenever the remote control starts to malfunction. · When strong light, such as direct sunlight or light from an extremely close range (such as from an inverter fluorescent lamp), hits the projector's remote sensor, the remote control may cease to function. Adjust the direction of the projector to keep light from directly hitting the projector's remote sensor. 30 e gr de e gr de es 13 TURNING ON THE POWER Precautions Connect all devices to be used to the projector prior to turning on the power. WARNING When the power is ON, a strong light is emitted. Do not look into the lens.

STANDBY/ON LASER BLANK 1 Make sure that the power cord is firmly and correctly connected to the projector and outlet VIDEO RGB 2 Turn on the projector's power Set the power switch to [ \ ] (ON). The projector will go to STANDBY mode and the POWER indicator will light to solid orange. POWER-indikator Control panel på/av-bryter 3 Press the STANDBY/ON button (control panel or remote control) · The projector begins warming up and the POWER indicator blinks green.



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STANDBY/ON · The POWER indicator stops blinking and lights to solid green once the projector's power is completely on. NOTE Turn the power on/off in right order. · Power on the projector before the computer or video tape recorder. · Power off the projector after the computer or video tape recorder. 4 Remove the lens cap The picture is projected. 14 Selecting an Input Signal 5 Using the remote control If selecting RGB input Press the RGB button Press this button to toggle between the devices connected to RGB IN 1 and 2. As illustrated below, each time you press the RGB button, the projector switches between RGB IN 1 and 2.

Select the signal you wish to project. RGB Using the projector's control panel Press the INPUT button As illustrated below, each time you press the INPUT button, the projector switches between its input signal ports. Select the signal you wish to project. INPUT RGB IN 1 RGB IN 2 RGB IN 1 RGB IN 2 VIDEO IN If selecting video input Press the VIDEO button Press this button to toggle between the devices connected to VIDEO IN, S-VIDEO IN and COMPONENT VIDEO. As illustrated below, each time you press the VIDEO button, the projector switches between VIDEO IN, S-VIDEO IN and COMPONENT VIDEO. Select the signal you wish to project. VIDEO COMPONENT VIDEO S-VIDEO IN VIDEO IN S-VIDEO IN COMPONENT VIDEO 6 Use the zoom ring to adjust the screen size 7 Use the focus ring to focus the picture 15 TURNING OFF THE POWER 1 STANDBY/ON LASER BLANK VIDEO RGB Press the STANDBY/ON button (control panel or remote control) The message "Power off?" will appear on the screen for approximately 5 seconds. STANDBY/ON 2 AUTO MENU KEystone ENTER POSITION ASPECT FREEZE MAGNIFY ON OFF RESET Press the STANDBY/ON button again (control panel or remote control) Press the STANDBY/ON button again while the "Power off?" message is visible. The projector lamp goes off and starts cooling down. The POWER indicator blinks orange while the lamp cools down.

(Pressing the STANDBY/ON button while the POWER indicator is blinking orange has no effect.) The system goes into the STANDBY mode after cooling down and the POWER indicator stops blinking STANDBY/ON orange and then lights to solid orange. ESC MUTE VOLUME Control panel 3 Check that the POWER indicator stops blinking and lights to solid orange. Switch the power switch to [O] (OFF). POWER-indikator på/av-bryter 4 NOTE · Except in emergencies, follow the abovementioned procedure for turning power off. Confirm that the POWER indicator has gone off and then attach the lens cap. When the projector has completed powering down, the POWER indicator will go off. 16 ADJUSTING THE VOLUME 1 Press the VOLUME button As illustrated on the right, a dialog will appear on the screen to aid you in adjusting the volume. VOLUME VOLUME STANDBY/ON LASER BLANK VIDEO RGB 16 2 AUTO MENU KEystone ENTER POSITION ASPECT FREEZE MAGNIFY ON OFF RESET Press the the volume , buttons to adjust Press the VOLUME button again to close the dialog and complete this operation. (Even if you don't do anything, the dialog will automatically disappear after a few seconds.)

VOLUME ESC MUTE VOLUME Press this to increase the volume Press this to decrease the volume SEARCH 16 TEMPORARILY MUTING THE SOUND 1 AUTO MENU Press the MUTE button As illustrated on the right, a dialog will appear on the screen indicating that you have muted the sound. Press the VOLUME button to close the dialog. (Even if you don't do anything, the dialog will automatically disappear after a few seconds.) Press the MUTE button again to restore the sound. VOLUME KEystone ENTER POSITION ASPECT FREEZE MAGNIFY ON OFF RESET ESC MUTE MUTE VOLUME SEARCH 16 17 ADJUSTING THE POSITION 1 Press the POSITION button As illustrated on the right, a dialog will appear on the screen to aid you in adjusting the position. STANDBY/ON LASER BLANK VIDEO RGB POSITION POSITION AUTO MENU KEystone ENTER 2 RESET ESC MUTE VOLUME Use the , , buttons to adjust POSITION ASPECT FREEZE MAGNIFY ON OFF When you want to initialize the position, press the RESET button during adjustment. Press the POSITION button again to close the dialog and complete this operation. @@(POSIT), vertical position (V. POSIT), clock phase (H. PHASE) and horizontal size (H. SIZE) are automatically adjusted. @@Dark pictures may still be incorrectly adjusted.

@@@Select a menu using the / buttons. @@[ex. @@@@]@@[ex. @@@MAIN COLOR BAL R PICTURE-1 PICTURE-2 INPUT SCREEN OPTION COLOR BAL B SHARPNESS COLOR TINT 0 : SELECT ENTER 4 Press the / buttons to adjust the level. Press the MENU button to hide the menu and finish your operation. Alternatively, press the or ESC button to return to the previous display. [ex. Adjusting SHARPNESS] Use the / buttons to adjust the SHARPNESS.

23 OPERATING THE PC SCREEN You can use the remote control as a simplified mouse or keyboard. CAUTION Caution: Mistaken use of the mouse/keyboard control could damage your equipment. · Only connect to a PC. · Before connecting, read the manuals of the device you will connect. · Do not plug or unplug the connector cables while the computer is operating. STANDBY/ON LASER BLANK PS/2, ADB, Serial Mouse Control 1. Turn off the projector and PC power, and connect the projector's CONTROL terminal to the computer via the mouse cable. 2. If a USB cable is connected, disconnect it. If a USB cable is connected, the USB control function is given priority, and mouse control from the CONTROL terminal will not function.

3. Turn on the projector power, then the computer. The functions in the table below can be controlled. If you have difficulty with control, restart the computer (either from the software or by pressing the restart button). Available Functions Remote Control Operation Use Press Press button button button VIDEO RGB AUTO MENU Move Pointer KEystone ENTER Left click with mouse Right click with mouse POSITION ASPECT FREEZE MAGNIFY ON OFF RESET USB Mouse Control 1. Connect the projector's USB terminal to the computer using a USB cable. The functions in the table below can be controlled. Available Functions Remote Control Operation Use Press Press button button button ESC MUTE VOLUME Move Pointer SEARCH Left click with mouse Right click with mouse NOTES · It may not be possible to control notebook PCs, and other computers with built-in pointing devices (e.g. track balls), using this remote control.

In this case, before connecting go into BIOS (system setup) and select external mouse, and disable the pointing devices. In addition, the mouse may not function if the computer does not have the needed utility program. See your computer's hardware manual for details.



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· The USB control can be used with Windows 95 OSR 2.1 or higher.

It may not be possible to use the remote control, depending on the computer's configurations and mouse drivers. · The USB control can only be used for the functions listed above. You cannot do things like press two buttons at once (for instance, pressing two buttons at the same time to move the mouse pointer diagonally). · This function is not available while the lamp is warming up (the POWER indicator flashes green), while adjusting the volume and display, correcting for trapezoidal distortion, zooming in on the screen, using the BLANK function, or displaying the menu screen. 24 THE LAMP HIGH VOLTAGE HIGH TEMPERATURE HIGH PRESSURE Before replacing the lamp, check the serial number of the replacement lamp bulb (sold separately: DT00431), then contact your local dealer.

Before replacing the lamp, turn off the power, and unplug the power cord, then wait at least 45 minutes, in order to ensure that the lamp is properly cooled. Removing the lamp bulb while it is still hot could cause burns, or cause the lamp bulb to burst. The LCD projector uses a glass lamp bulb. It is a mercury lamp with high internal pressure. High-pressure mercury lamps can break with a loud bang, or burn out, if jolted or scratched, or through wear over time. Each lamp has a different lifetime, and some may burst or burn out soon after you start using them. In addition, when the bulb bursts, it is possible for shards of glass to fly into the lamp housing, and for gas containing mercury to escape from the projector's vent holes. · Handle with care: jolting or scratching could cause the lamp bulb to burst during use. · If the replace lamp indicator (see "Related Messages" (Vol.2 ) and "Regarding the indicator Lamps" (Vol.

2 )) comes on, replace the lamp as soon as possible. Using the lamp for long periods of time, or past the replacement date, could cause it to burst. Do not use old (used) lamps; this is a cause of breakage. · If the lamp breaks soon after the first time it is used, it is possible that there are electrical problems elsewhere besides the lamp. If this happens, contact your local dealer. · If the lamp should break (it will make a loud bang when it does), ventilate the room well, and make sure not to breathe the gas that comes out of the projector vents, or get it in your eyes or mouth. · If the lamp should break (it will make a loud bang when it does), unplug the power cord from the outlet, and make sure to request a replacement lamp from your local dealer. Note that shards of glass could damage the projector's internals, or cause injury during handling, so please do not try to clean the projector or replace the lamp yourself. · Obey local ordinances when disposing of used lamps. In most cases, it is possible to dispose of used bulbs in the same manner as used glass bottles, but in some cases, bulbs are sorted separately.

· Do not use the projector with the lamp cover removed. WARNING 25 THE LAMP (continued) Replacing the lamp All projector lamps will wear out eventually. If used for long periods of time, the image could become darkened, and the color contrast could be impacted as well. We recommend that you replace your lamps early. If the LAMP indicator turns red, or a message prompts you to replace the lamp when you power up the projector, the lamp needs to be replaced.

(See "Related Messages" (Vol.2 ) and "Regarding the Indicator Lamps" (Vol.2 ) for details.) 1 With the projector OFF, remove the power cord from the power outlet, and wait at least 45 minutes for the unit to cool. Prepare a new lamp.

Check that the projector has cooled sufficiently, and gently turn it upside down. Loosen the two screws as shown in the diagram, and remove the lamp cover. 6 Install the new lamp and tighten the three screws firmly. @@@@ · Do not reset the lamp timer without replacing the lamp. Reset the lamp timer always when replacing the lamp. @@ · When the lamp has been replaced after the message of "CHANGE THE LAMP ...THE POWER WILL TURN OFF AFTER 0 hr." is displayed, or the LAMP indicator is red, complete the following operation within 10 minutes of switching power ON.

NOTE · The LAMP indicator is also red when the lamp unit reaches high temperature. Before replacing the lamp, switch power OFF, wait approximately 20 minutes, and switch power ON again. If the LAMP indicator is still red, replace the lamp. 26 THE AIR FILTER Caring for the air filter The air filter should be cleaned about every 100 hours. If the LAMP indicator and TEMP indicator blink red simultaneously, or a message prompts you to clean the air filter when you turn on the unit, the filter needs to be cleaned. (See "Related Messages" (Vol.2 ) and "Regarding the Indicator Lamps" (Vol.2 ) for details.) 1 2 Turn off the projector, and unplug the power cord Apply a vacuum cleaner to the top of the air filter cover to clean the air filter Filter Cover 3 Turn on the projector, and use the menu to reset the filter timer · To reset the air filter timer, from the OPTION menu, select FILTER TIME. 27 THE AIR FILTER (continued) Replacing the air filter If the soiling will not come off the air filter, or it becomes damaged, then it needs to be replaced.

Please contact your local dealer, after confirming the model of your separately sold replacement air filter. (See "Optional Parts" on Vol.2 .) 1 2 Turn off the projector, and unplug the power cord. Prepare a new air filter (one specified for your projector) Remove the air filter cover and air filter 3 Insert the new filter, and replace the filter cover 4 Turn on the projector power, and using the menu, reset the filter timer · To reset the lamp timer, from the OPTION menu, select FILTER TIME.

ATTENTION · Make sure to turn off the power and unplug the power cord before caring for the unit. Please carefully read "Safety Instructions", in order to care for your projector correctly. · Do not use with air filter cover removed. · If the air filter becomes clogged by dust or the like, internal temperature rises and could cause malfunction. The power is automatically turned off in order to prevent the unit from overheating internally.

28 THE HANDLE Fixing the Handle Fix the enclosed handle if you need. 1 Raise up the handle hook, and pass one end of the handle through the hole of handle hook. Buckle the end of the handle, as the right drawing. 2 3 Fix the other end of the handle to the other handle hook in the same way. CAUTION · Make sure the handle is fixed before carrying the projector with the handle. If the projector should be dropped from the handle should be off, it could result in an injury, and continued use could result in fire or electrical shock. Do not flourish the projector with the handle.



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*OTHER CARE Caring for the inside of the projector : In order to ensure the safe use of your projector, please have it cleaned and inspected by your local dealer about once every 2 years. Never try to care for the inside of the unit yourself. Doing so is dangerous.*

*Caring for the lens : Lightly wipe the lens with a commercially available lens-cleaning wipe. Do not touch the lens directly with your hand. Caring for the cabinet and remote control transmitter : Wipe lightly with gauze or a soft cloth. If soiling is severe, dip a soft cloth in water or a neutral cleanser diluted in water, and wipe lightly after wringing well. Then, wipe lightly with a soft, dry cloth. ATTENTION · Make sure to turn off the power and unplug the power cord before caring for the unit. Please carefully read "Safety Instructions" in this manual, in order to care for your projector correctly. · Do not use cleaners or chemicals other than those listed above, including benzene and paint thinner. · Do not use aerosols or sprays. · Do not polish or wipe with hard objects.*

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