HITACHI

Projector HOME-1

User's Manual – Quick Guide

Thank you for purchasing this projector.

⚠ **WARNING   Before using, read the "User's Manual - Safety Guide" and these manuals to ensure correct usage through understanding. After reading, store them in a safe place for future reference.**

NOTE • The information in this manual is subject to change without notice.
• The manufacturer assumes no responsibility for any errors that may appear in this manual.
• The reproduction, transmission or use of this document or contents is not permitted without express written authority.
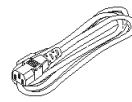
Contents Of Package

Your projector should come with the items shown below. Contact your dealer if anything is missing. Keep the original packing material for future reshipment. For moving the projector, be sure to use the original packing material. Use special caution for the lens part.
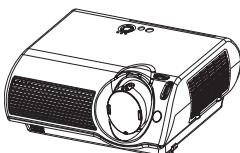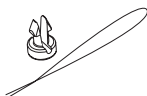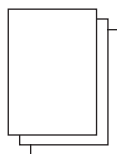
**Projector
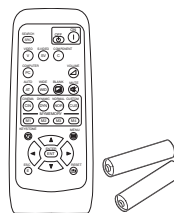(with Lens Cap)**

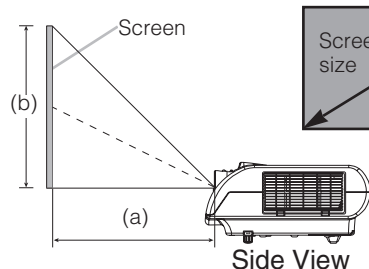**Video/Audio
cable**

Power cords

Rivet & Strap

User's manuals (3)

**Remote control &
AA batteries (2)**

Arrangement

(±10%)

Refer to this table, in case of 16:9 aspect ratios. The values (a) and (b) shown in the table are calculated for a full size screen: 854x480.

Screen

Screen size

(b)

(a)

Side View

| Screen Size [type (m)]	(a) [type (m)]		(b) [type (cm)]
	Min.	Max.	
30 (0.8)	29(0.7)	60(1.5)	15(37)
40 (1.0)	40(1.0)	81(2.1)	20(50)
50 (1.3)	50(1.3)	102(2.6)	25(62)
60 (1.5)	60(1.5)	122(3.1)	29(75)
70 (1.8)	71(1.8)	143(3.6)	34(87)
80 (2.0)	81(2.1)	163(4.2)	39(100)
90 (2.3)	91(2.3)	184(4.7)	44(112)
100 (2.5)	101(2.6)	205(5.2)	49(125)
200 (5.1)	204(5.2)	411(10.4)	98(249)
300 (7.6)	307(7.8)	616(15.7)	147(374)

Connecting Devices

Please refer to the following for connecting your devices.
See the rear of the projector and open the ports cover.
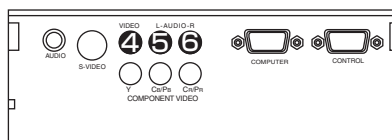You can see the ports.
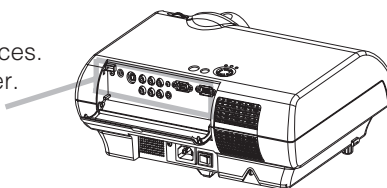
Connecting to a computer

RGB out ◄── RGB cable (D-sub 15 pin) ──► ❶
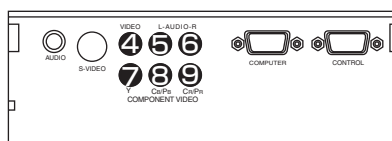Audio out ◄── Audio cable (Stereo mini) ──► ❷
RS-232C port ◄── RS-232C cable ──► ❸
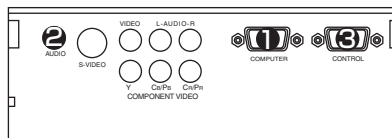
Connecting to a DVD/VCR player

Video out ◄
Audio out (L) ◄── Audio/Video cable ──► ❹
Audio out (R) ◄──► ❺
──► ❻

If using a SCART RGB input,

Video
AUDIO-L
AUDIO-R ── SCART ◄── SCART cable
G ── out port
B
R

──► ❹
──► ❺
──► ❻
──► ❼
──► ❽
──► ❾

If using a S-video input,

S-video out port ◄── S-video cable ──► ❿
Audio out (L) ◄── Audio cable ──► ❺
Audio out (R) ◄──► ❻
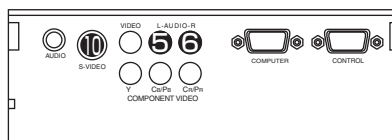
If using a component input,

Component (Y) out ◄──► ❼
Component (C$_B$/P$_B$) out ◄── Component cable ──► ❽
Component (C$_R$/P$_R$) out ◄──► ❾
Audio out (L) ◄── Audio cable ──► ❺
Audio out (R) ◄──► ❻

If using a component input from COMPUTER port,

Component (Y) out ◄
Component (C$_B$/P$_B$) out ◄── Component cable ──► ❶
Component (C$_R$/P$_R$) out ◄── (with D-sub 15 pin)
Audio out ◄── Audio cable(Stereo mini) ──► ❷
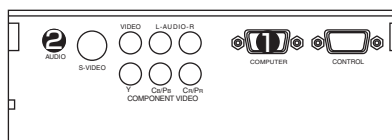
Connecting Power Supply

⚠ **WARNING** • Please use extra caution when connecting the power cord as incorrect or faulty connections may result in FIRE and/or ELECTRICAL SHOCK. Please adhere to the "User's manual – Safety Guide" and the following.
• 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. If it is damaged, contact your dealer to newly get correct one.
• Never modify the power cord. Never attempt to defeat the ground connection of the three-pronged plug.
• Make sure that you firmly connect the power cord to the projector and wall outlet.

1 Connect the connector of the power cord to the AC inlet of the projector. ❶

2 Firmly plug the power cord's plug into the outlet.

AC Inlet
❶
Connector Side
Power cord
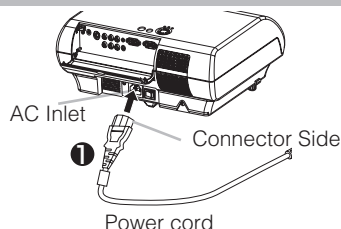
Turning On/Off Power

⚠ **WARNING** • When the power is ON, a strong light is emitted. Do not look into the lens or vents of the projector.

Turning ON The Power

1 Remove the lens cap.

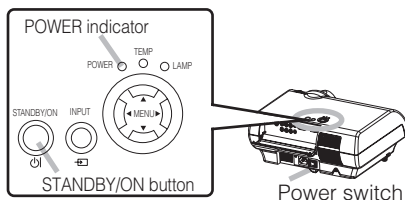**2** Set the power switch to [|] (ON).

Power switch (ON position)

The POWER indicator will light orange.

3 Press the STANDBY/ON button of the projector or the ON button of the remote control.
The projector lamp will light up and the POWER indicator will begin blinking green.
According to a setup, the projector lamp may light up and the POWER indicator may begin blinking green, without pressing this button.
When the power is completely on, the indicator will stop blinking and light green.

POWER indicator
TEMP
POWER LAMP
STANDBY/ON INPUT
MENU
STANDBY/ON button
Power switch

Turning OFF The Power

1 Press the STANDBY/ON button of the projector or the OFF button of the remote control.
The message "Power off?" will appear on the screen for approximately 5 seconds.

2 Press the STANDBY/ON button again while "Power off?" the message is visible.
The projector lamp will go off, and the POWER indicator will begin blanking orange. Then the POWER indicator will stop blinking and light to solid orange when the lamp cooling is complete.

3 Switch the power switch to [O] (OFF).

Power switch (OFF position)
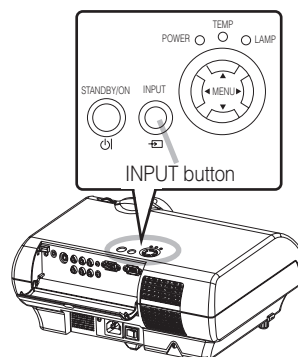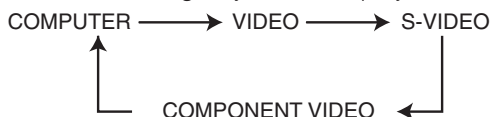
The POWER indicator will go off.

4 Attached the lens cap.

3

Projecting The Picture

Selecting An Input Signal

1 **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.

COMPUTER ⟶ VIDEO ⟶ S-VIDEO

COMPONENT VIDEO

INPUT button

2 **Use the zoom ring to adjust the screen size.**

Focus ring   Zoom ring
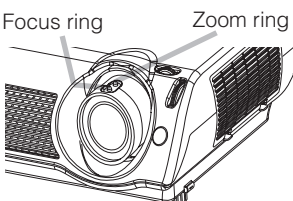
3 **Use the focus ring to focus the picture.**

Adjusting The Projector's Elevator

⚠ **CAUTION** • To prevent damaging the projector and injuring yourself, ALWAYS HOLD THE PROJECTOR whenever using the elevator buttons to adjust the elevator feet.

You can use the elevator feet to adjust the angle of projection. The adjustment range of the elevator feet is 0 to 9 degrees.

1 **Press and hold in the elevator buttons.**

2 **Raise or lower the projector to the desired height and then release the elevator buttons.**
When you release the elevator buttons, the elevator feet will lock into position.

3 **As necessary, you can also finely adjust the height of the projector by twisting the elevator feet by hand.**

Elevator feet

Elevator buttons
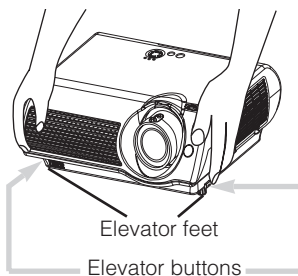
Using The Picture Shift Dials

When you want to finely adjust the picture position, use the picture shift dials.

❶ Horizontal picture shift dial

❷ Vertical picture shift dial

7.5:2.5
to
2.5:7.5

10:0
to
0:10
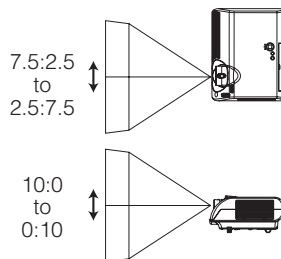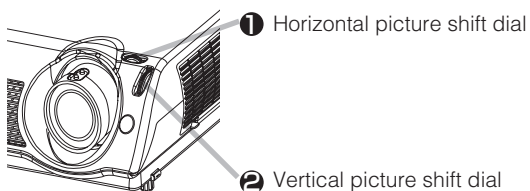
NOTE • Generally, better quality of a picture is available when the lens shift is set to the center.
• Do not attach anything other than specified options (such as an optional conversion lens) to the screw thread. For details, please ask your dealer.

Control Buttons

See the top of the projector. You can see the control buttons.
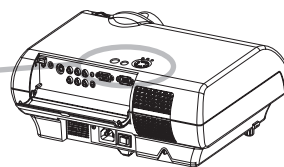
POWER indicator
tells the state of power supply. Refer to the section "Turning On/Off Power".

TEMP indicator
lights or blinks when any problem about internal temperature has happened.

INPUT button
toggles between the signal ports.

COMPUTER → VIDEO
↑   ↓
         S-VIDEO
↑   ↓
COMPONENT VIDEO

TEMP
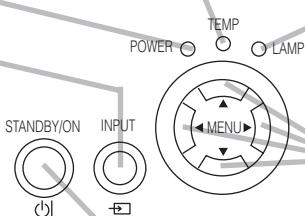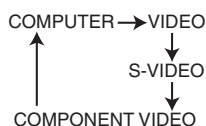POWER   LAMP

STANDBY/ON INPUT
◄ MENU ►

LAMP indicator
lights or blinks when any problem about the lamp has happened.

MENU buttons
operate the menu function.

STANDBY/ON button
prepares for turning the power on/off. Refer to the section "Turning On/Off Power".

Preparing Remote Control

⚠ **CAUTION** Always handle the batteries with care and use them only as directed. Improper use may result in battery cracking or leakage, which could result in fire, injury and/or polution of the surrounding environment.
• Keep the battery away from children and pets.
• Be sure to use only the batteries specified for use with the remote control. Do not mix new batteries with used ones.
• When inserting batteries, verify that the plus and minus terminals are aligned correctly (as indicated in the remote control).
• When you dispose the battery, you should obey the law in the relative area or country.

Putting Batteries Into The Remote Control
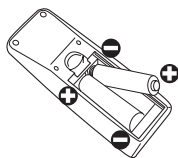
1 **Remove the battery cover.**
Slide back and remove the battery cover in the direction of the arrow.
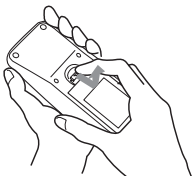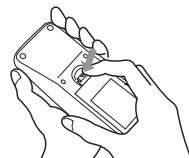
2 **Insert the batteries.**
Align and insert the two AA batteries according to their plus and minus terminals (as indicated in the remote control).

3 **Close the battery cover.**
Replace the battery cover in the direction of the arrow and snap it back into place.

5

Remote Control

See the remote control.

S-VIDEO button
selects the input signal of S-VIDEO port.

SEARCH button
searches for an input signal between the following signal ports of COMPUTER, VIDEO, S-VIDEO and COMPONENT VIDEO.

VIDEO button
selects the input signal of VIDEO port.

COMPUTER button
selects the input signal of COMPUTER port.

WIDE button
toggles between the modes for aspect ratio.

AUTO button
executes automatic adjustment.

CINEMA, DYNAMIC, NORMAL, CUSTOM buttons
select each of gamma mode.

KEYSTONE button
turns on/off the KEYSTONE mode.
In the KEYSTONE mode,
To adjust the keystone,
use the cursor ▲ / ▼ buttons.

ESC button
returns to the previous display at the menu functions.

OFF button
prepares for turning the power off.

ON button
prepares for turning the power on.

COMPONENT button
selects the input signal of COMPONENT port.

VOLUME button
turns on/off the VOLUME mode.
In the VOLUME mode,
To adjust the volume,
use the cursor ▲ / ▼ buttons.

BLANK button
blanks the screen temporarily.

MUTE button
mutes/restores the sound.

M1, M2, M3, M4 buttons
call the setting data on each memory.

MENU button
opens/closes the menu.

RESET button
cancels the adjustment in progress.
* The adjustments of the volume etc. are not reset.

ENTER button
proceeds to the next operation at the menu functions.

◄ , ► , ▲ , ▼ (Cursor) buttons
works for adjusting or menu controlling.

6

Lamp

Replacing The Lamp

⚠ **WARNING** **Please carefully read the "User's Manual - Safety Guide".**
The projector uses a high-pressure mercury glass lamp made of glass. The lamp can break with a loud bang, or burn out. 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.
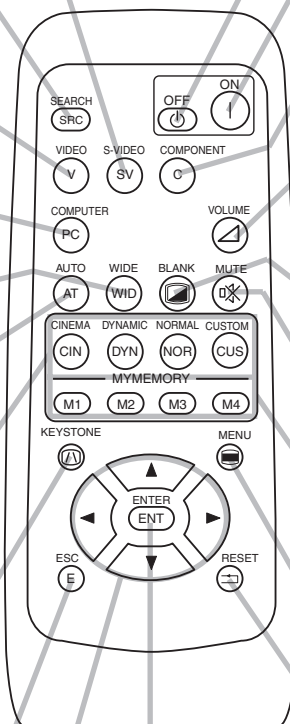• Do not open the lamp cover, if the lamp should break, or while the projector is suspended from above. Ask your dealer to clean the projector or replace the lamp.
• Before replacing the lamp, make sure the power switch is off and the power cable is not plugged in, then wait at least 45 minutes for the lamp to cool sufficiently.
• Use the lamp of the specified type only. **Type number: DT00611** (sold separately)
⚠ **CAUTION** • Do not reset the lamp timer without replacing the lamp.

If the indicators or a message prompts you to replace the lamp, replace the lamp as soon as possible.

1 **Turn off the projector, and unplug the power cord. Allow the lamp bulb to cool for at least 45 minutes.**

2 **Contact your local dealer to prepare a new lamp.**
Tell the dealer your lamp type number. If the projector is mounted on the ceiling, or if the lamp has broken, also ask the dealer to replace the lamp.

In the case of replacement by yourself,

Lamp cover

3 **After making sure that the projector has cooled adequately, slowly flip over the projector, so that the bottom is facing up.**

4 **Unscrew the screw of the lamp cover, then slide and take the lamp cover up.**

Screw

5 **Unscrew the 2 screws, and slowly pick up the lamp by the handles.**

Handles

6 **Insert the new lamp, and tighten the 2 screws firmly to lock it in place.**

7 **Slide the lamp cover into place, and tighten the screw of the lamp cover firmly.**

8 **Slowly turn the projector so that the top is facing up.**

Screws

9 **Turn on the projector, and reset the lamp timer. When the lamp has been replaced after the message of "THE POWER WILL TURN OFF AFTER 0hr." is display, complete the following operation within 10 minutes of switching power on.**
(1) While the projector running, press the MENU button to open the menu.
(2) Choose the "OPTION" on the menu using the ⊙/⊙ button, then press the ⊙ button or ENTER button.
(3) Choose the "LAMP TIME" using the ⊙/⊙ button, then press and hold the ⊙ button of projector or the RESET button of remote control for 3 seconds.
(4) Choose the "RESET" using the ⊙ button.
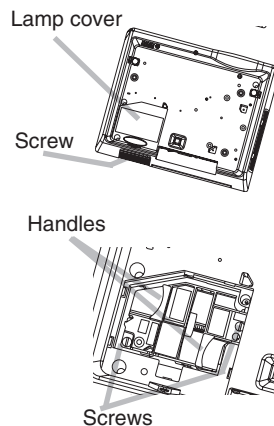
Air Filter

⚠ **WARNING** • **Please carefully read the "User's Manual - Safety Guide".**
If the air filter becomes clogged by dust or the like, internal temperature rises and could cause malfunction.
• Use the air filter of the specified type only.**Type number: NJ08312** (sold separately)
• Do not use the projector with the air filter and filter cover removed.
⚠ **CAUTION** • Do not reset the filter timer without cleaning or replacing the air filter.
• When you replace the lamp, please replace also the air filter. The air filter may be attached when you buy a replacement lamp for this projector. Please ask your dealer.

Caring For The Air Filter

The air filter should be cleaned about every 100 hours. If the indicators or a message prompts you to clean the air filter, clean the air filter as soon as possible.

Filter cover

1 **Turn off the projector, and unplug the power cord.**

2 **Apply a vacuum cleaner to the top of the filter cover to clean the air filter.**

3 **Reset the filter timer, according to following "Reset The Filter Timer".**

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 replace the air filter as soon as possible.

Filter cover

1 **Turn off the projector, and unplug the power cord.**

2 **Contact your local dealer to prepare a new air filter. Tell the dealer your air filter type number.**

❸

3 **After making sure that the projector has cooled adequately, remove the filter cover. Hold the release buttons of the filter cover, while pulling up it. ❸**

Release buttons
Release buttons

4 **Hold the release buttons of the air filter, while pulling down it. ❹**

❹

5 **Insert a new air filter, and replace the filter cover.**

Air filter

6 **Reset the filter timer, according to following "Reset The Filter Timer".**
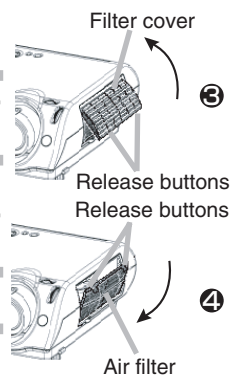
Reset The Filter Timer

Only after cleaning or changing the air filter, the filter timer has to be reset. To reset the filter timer,

1 **Turn on the projector. While the projector running, press the MENU button to open the menu.**

2 **Choose the "OPTION" on the menu using the ▲/▼ button, then press the ▶ button or ENTER button.**

3 **Choose the "FILTER TIME" using the ▲/▼ button, then press and hold the ▶ button of projector or the RESET button of remote control for 3 seconds.**

4 **Choose the "RESET" using the ▲ button.**