naxa®
THE NEW GENERATION IN TECHNOLOGY

100" Home Theater 720P LCD Projector Player

NVP-2003

User Manual

Please read carefully before using product and keep for future reference

Safety Instructions & Warnings

Important Safety Instructions

- Read these Instructions.
- Keep these Instructions.
- Heed all Warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding - type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

FCC Warnings

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Battery Warnings

- WARNING: Do not ingest battery, Chemical Burn Hazard.
- If the remote control supplied with this product contains a coin/button cell battery and the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
- Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.
- If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
- WARNING: There is a danger of explosion if you attempt to charge standard Alkaline batteries in the unit. Only use rechargeable NiMH batteries.
- Battery shall not be exposed to excessive heat such as sunshine, fire, or the like.
- Do not mix old and new batteries.
- Completely replace all old batteries with new ones.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (ni-cad, ni-mh, etc) batteries.
- Batteries should be recycled or disposed of as per state and local guidelines.

Additional Warnings and Precautions

- Do not look directly into the projector light.
- Use in well ventilated area with ambient temperature between 41°F~104°C (5°C~40°C).
- Do not block any ventilation openings.
- To prevent risk of overheating, place the projector in an area that does not block ventilation, such as an enclosure or cabinet that might restrict airflow.
- Do not place the projector on an unstable surface, such as a loose stack of books, bed, or cushion.
- Do not cover the projector with a blanket, curtain, or similar.
- If setting up near a wall, leave at least 10 in. (25cm) between the wall and the projector's ventilation ports.
- Use a power outlet that can be easily accessed and unplugged.
- Do not block the light coming out of the lens. The light will heat the object and may cause burns, cause it to melt or catch fire.
- When powering off the projector, allow the cooling cycle to finish before handling or disconnecting the power supply.
- Do not use the projector if it has been damaged. Damage could be (but not limited to):
    – Unit has been dropped or something has been dropped on it or into it.
    – Something is loose or rattling inside the unit.
    – Projector has been exposed to rain or liquid.
    – Power supply or power cord is damaged.
- Do not use the projector in places where flammable gases or explosives may be present.
- Do not use the projector in the following conditions:
    – Extremely hot, cold, or humid environments
    – Environments with excessive amounts of dust and dirt in the atmosphere.
    – Near appliances generating a strong electromagnetic field or heat.
    – In direct sunlight.

- If the air vents become clogged or dirty, use a vacuum or air compressor and nozzle to clean. Do not use canned air, as the gas may leave a residue inside the enclosure.
- CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.
- Mains plug is used as disconnect device and it should remain readily operable during intended use. In order to disconnect the apparatus from the mains completely, the mains plug should be disconnected from the mains socket outlet completely.
- CAUTION: Use of controls or adjustments or performance of procedures other than those specified may result in hazardous radiation exposure.
- WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- WARNING: Use of this unit near fluorescent lighting may cause interference regarding use of the remote. If the unit is displaying erratic behavior move away from any fluorescent lighting, as it may be the cause.
- WARNING: Shock hazard - Do Not Open.
- Caution and marking information is located at the rear or bottom of the apparatus.
- WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain, moisture, dripping, or splashing.
- Objects filled with liquids, such as vases, shall not be placed on the apparatus.
- Do not place any objects, heavy or otherwise, on the projector.
- This product meets and complies with all Federal regulations.
- See projector enclosure for related safety markings.
- No user serviceable parts inside, do not attempt to open the unit or perform any repair. Doing so may cause damage or injury, and will void your warranty.
- Refer all repairs or replacement to qualified service personnel.
- Stop using the projector and unplug the power source immediately if you notice the following:
    – Smoke coming from the unit or power supply.
    – Strange odors or noises coming from the unit.
    – Liquid or foreign objects have gotten inside the unit.
    – Unit has been dropped and enclosure has been damaged.

WARNING: To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.

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

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

This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts.

WARNING : This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
This product meets and complies with required federal guidelines.
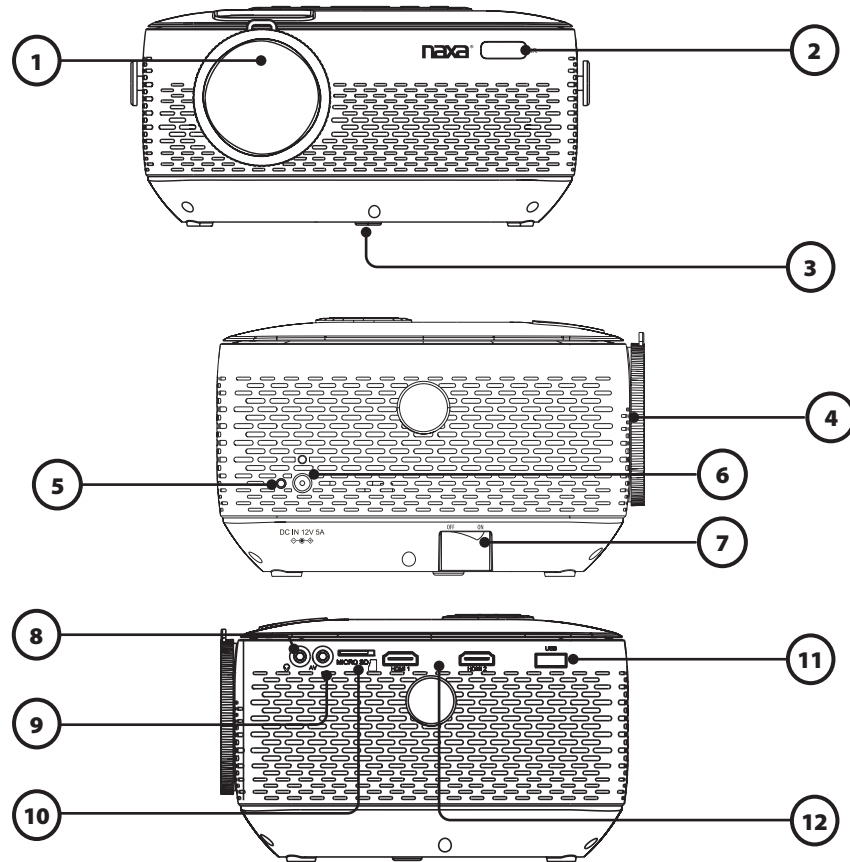
Table of Contents

Overview

Features

- Supports 480p, 720p, 1080i, 1080p
- Native Resolution: 1280 x 720 (720p)
- Aspect Ratio: 16:9, 4:3 LB
- Brightness : 90 ANSI lumens
- Bluetooth wireless
- Rechargeable battery
- Carrying handle
- I/O: 2 x HDMI, USB, MicroSD card, AV, 3.5mm Headphone Jack
- 30″ to 100″ viewable screen size
- Display distance: 3.3-9.85 ft. (1-3m)
- Built-in speaker
- Keystone angle correction and focus adjust
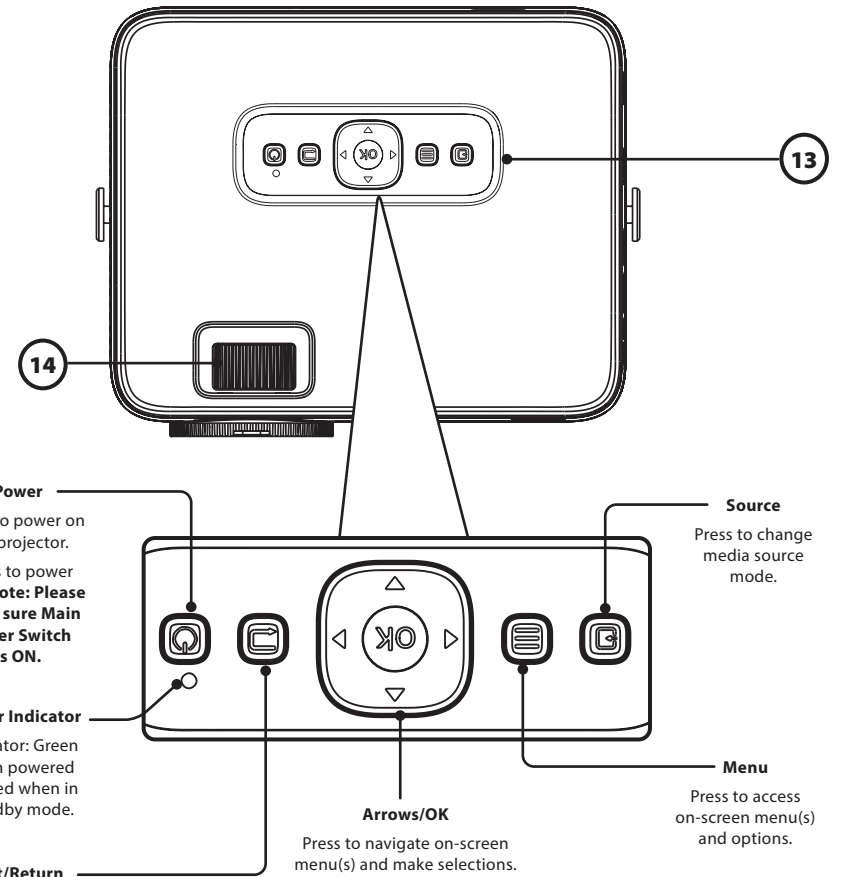- Ceiling mountable (hardware not included)

Includes

- Remote control: requires 2 AAA batteries (not included)
- AC/DC power adapter
- Car Cord
- User's Guide

Projector

Features & Inputs

1. Projector Lens
2. Front Remote Sensor
3. Angle Adjustment Knob
4. Lens Cap
5. Battery Indicator
6. DC Power Port and Charging Indicator
7. Main Power Switch

8. 3.5mm Audio Output
9. 3.5mm AV Input
10. MicroSD Card Port
11. USB Port
12. HDMI Input 1 & 2
13. Controls & Indicators
14. Keystone Adjustment
15. Focus Adjustment

Power

Press to power on the projector.

Press to power OFF. **Note: Please make sure Main Power Switch is ON.**

Power Indicator

Indicator: Green when powered on. Red when in standby mode.

Exit/Return

Press to return to a previous page or setting in the on-screen menu(s).

Arrows/OK

Press to navigate on-screen menu(s) and make selections.

Source

Press to change media source mode.

Menu

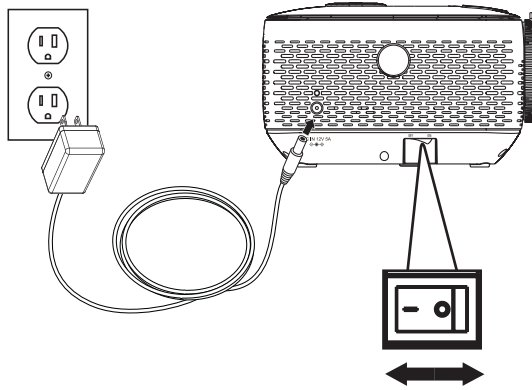Press to access on-screen menu(s) and options.

Projector Setup

Charging the Battery

Connect the included charging cable to the DC Power Input on the projector and a standard power outlet. The **Charging Indicato**r will turn red while charging and it will switch to green when fully charged. Total charging time is approximately 7 hours.

Switch the **Power Switch** to the ON position, then press the **Power** button to turn the projector ON or OFF. Battery life is approximately 3 hours when at 50% Brightness/volume level. This unit has a **Main Power Switch**, which gives the unit power and puts the unit in standby. When powered ON and in standby mode the battery will last approximately 5 hours.
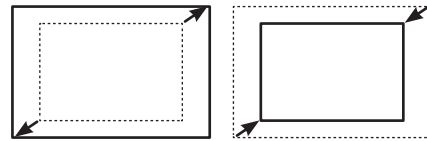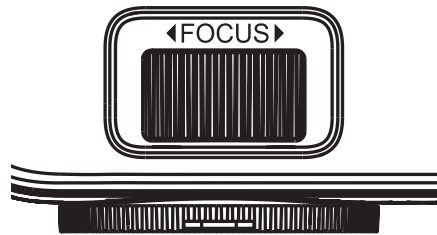
NOTE: THE BATTERY INDICATOR WILL FLASH WHEN THE BATTERY IS LOW, PLEASE RECHARGE.

Main Power Switch
Please make sure to flip this switch to the ON position to power the unit.

Image Adjustment
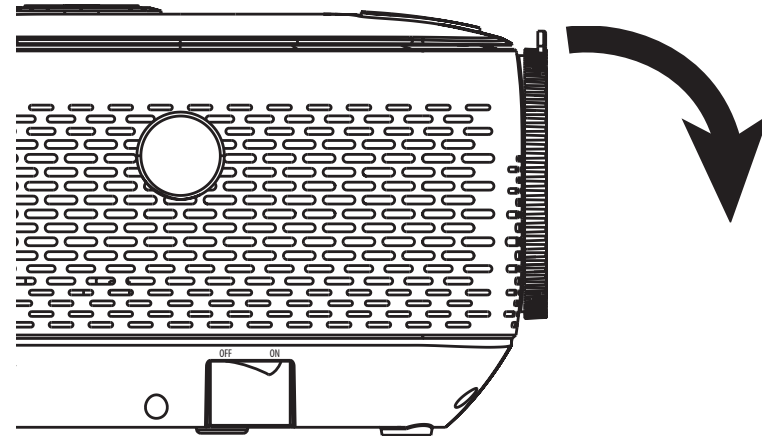
◀FOCUS▶

Focus Adjustment

Increase or reduce image size to sharpen image.

Keystone Adjustment

You can adjust Keystone Correction by pressing

the **Menu** button on the remote, going to the **Options**

Menu and selecting **Keystone Correction**. Use the

Left and Right Arrow buttons to manually adjust the **Keystone Correction.**
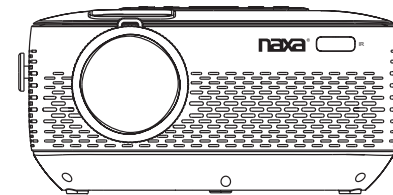
Removing the Lens Cap

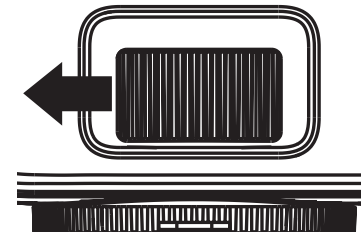Please remember to remove the lens cap before attempting to view media.

OFF   ON

Putting Lens Cap On

1. **When putting the lens cap back on, please make sure that you retract the lens back into the projector to avoid damaging the lens . You can do this by:**

    1. Orient the projector with the lens facing you, as shown below.

    2. Scroll the focus ring all the way to the left. Once the lens is fully retracted back inside, you may then place the lens cover back on.
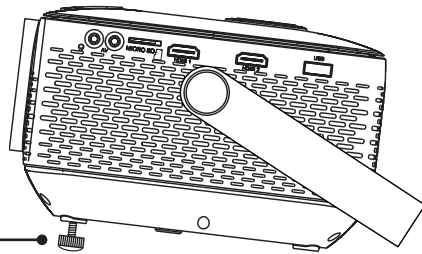
Projector Placement

For best results, place the projector in a dark room or other dimly lit area. The projector will display a screen size from 30″ to 100″. Adjust the projector angle and distance to best suit your needs.

Use the unit with a dedicated projector screen for best picture resolution. If placing the projector behind the viewing screen (unit in front of/projecting toward viewers), a special screen will be required. Projector screens are not included. If you are not using the unit with a screen, a smooth, white or lightly colored surface will provide the best results.

Angle Adjustment

Note: Please remember to remove lens cover.

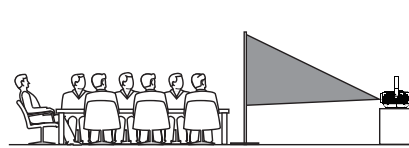Use the Angle Adjustment Knob to fine tune the projector's height.
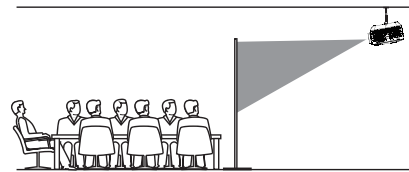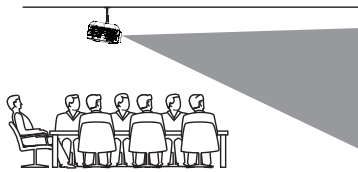
Viewing Options

The projector can be used to project onto a wall or screen. It can be mounted from a ceiling or placed on a table. Be sure to aim the remote at the sensor on the front or rear of the projector. See page 6 for sensor locations on the projector. When projecting from the rear position, a special screen will be needed (not included) to display the image.
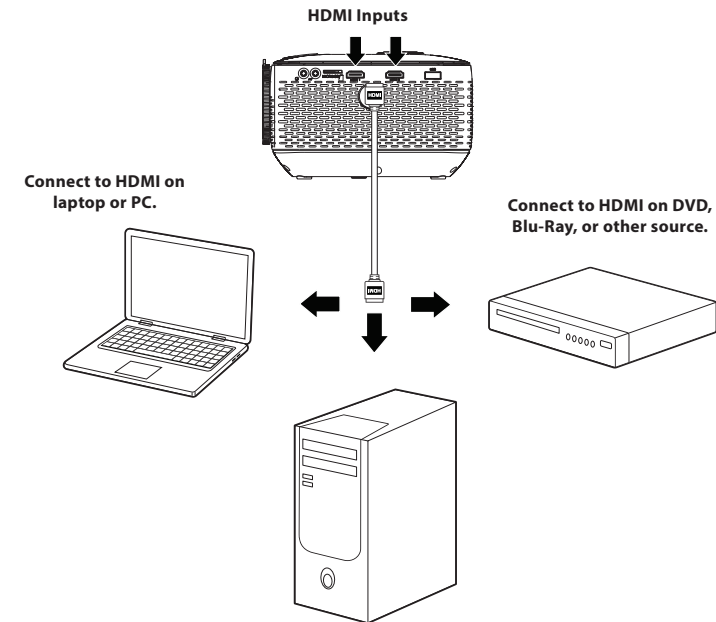
Front Table

Rear Ceiling

Connecting to Other Devices

HDMI

HDMI offers superior sound and picture quality, and is the easiest way to play media from a computer, Blu-Ray player, or other device with an HDMI output.

Requires an HDMI cable (not included) and a device with an HDMI output.

1. Using an HDMI cable, connect the **HDMI 1 or 2 input** on the projector to the **HDMI output** on your media player or computer.

2. Set the projector's **Source** to the **connected HDMI input** and use the controls on the connected device to select and play media.

HDMI Inputs

Connect to HDMI on laptop or PC.

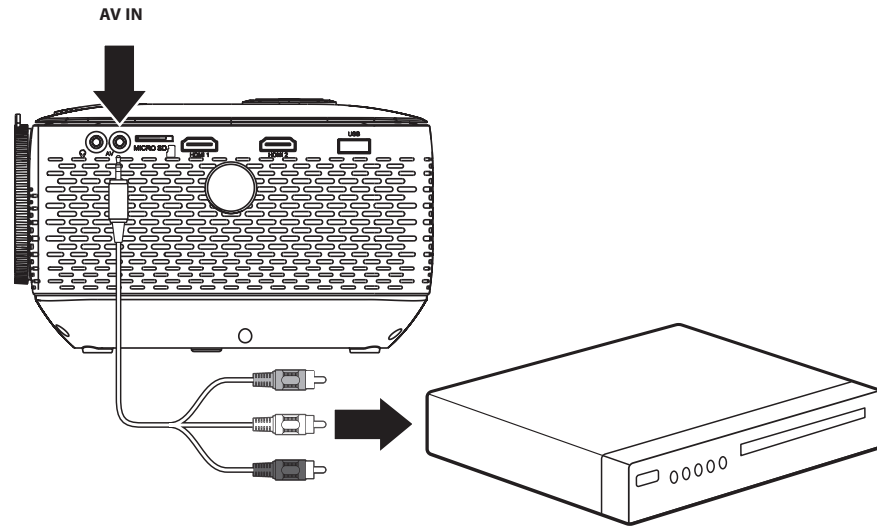**Connect to HDMI on DVD, Blu-Ray, or other source.**

Important Note:

If there is no sound from the projector's internal speakers when connected via HDMI, please check the connected device's audio settings and make sure it is set to "PCM Stereo" mode. **This unit does not support Dolby.**

Connecting to Other Devices

Audio/Video Input

Requires a 3.5mm to RCA audio/video cable (not included).

1. Connect the 3.5mm to RCA audio/video cable to the AV input on the unit.

2. Connect the 3.5mm to RCA audio/video cable to the RCA stereo audio outputs and composite video output on the media player.

3. Set the projector's **Source** to **AV** and use the controls on the connected player to select and play media.
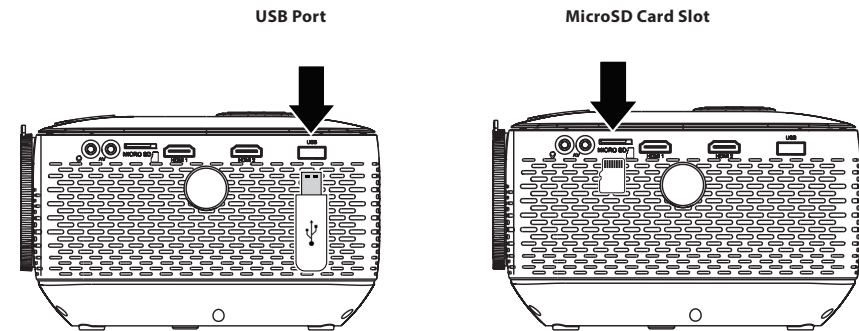
AV IN

Connect AV cable (not included) to media player's AV outputs.

Audio Left Channel - White

Audio Right Channel - Red

Video - Yellow

Connecting to Other Devices

MicroSD & USB Storage Devices

Supports MicroSD cards and USB drives up to 2TB. Supports AVI, MOV file formats.

1. Load a USB drive into the **USB Port.**

2. Set the **Source** to **Media Player,** then use the **Arrow** buttons to select **"C:Drive" or "D:Drive" (**C:Drive is the SD card, D:Drive is the USB).

3. Use the **Arrow** buttons to select **Video/Music/Picture,** then press the **OK** button to begin playing content from the connected storage device.

USB Port   **MicroSD Card Slot**

Important Notes:

- **This Unit supports up to 2TB, please make sure that the USB drive or MicroSD card you are using is 2TB or less.**
- **Please make sure the file that you are trying to play is smaller than 4GB.**
- **Please check to make sure that the media you are trying to view is one of the following supported formats (Mpeg1, Mpeg2, Mpeg4, MP3, Jpeg).**
- **If you are using an exFAT MicroSD card or USB drive you will need to convert it to FAT32 or NTSF format.**

External Audio

The NVP-2003 has built-in full range speakers. However, you can also connect external speakers for more sound options.

Bluetooth - Pairing to Wireless Speakers or a Sound Bar

NOTE: Bluetooth is OFF by default when the projector first powers ON. Bluetooth can be turned ON or OFF from the OPTIONS Menu (See Page 19).

1. Enable Bluetooth on the external speakers, or sound bar (Bluetooth receiver) to which you wish to connect.

2. Power on the projector and make sure the projector's Bluetooth is ON (see note above). The projector will begin searching for nearby Bluetooth devices to connect to.

3. Using the projector's **Arrows/OK** buttons, select the Bluetooth speaker you want to connect to from the Bluetooth menu. **Note: To eliminate confusion, disable Bluetooth on all receivers to which you do not wish to connect.**

4. When successfully paired, the Bluetooth receiver should indicate it is connected, usually with a chime or tone. *Check the user manual on your Bluetooth receiver for more information.*

5. When successfully connected, the projector will display the Bluetooth receiver's (your speaker or sound bar) name on the top right portion of the Main Menu screen, and sound played from the projector will be heard through the Bluetooth receiver.
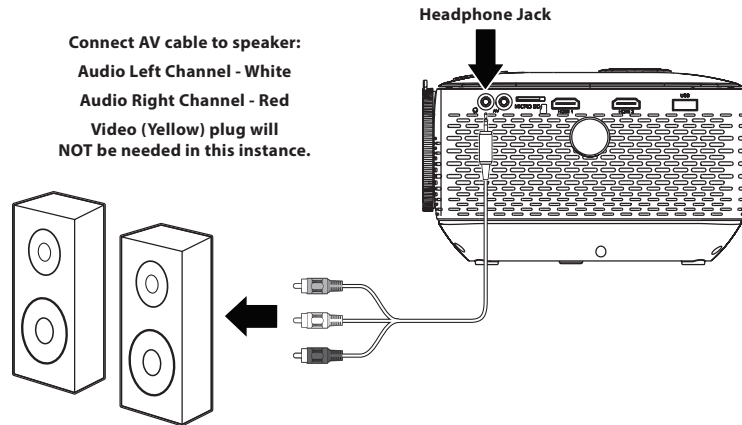
After initial pairing, the projector and the Bluetooth speakers will stay paired unless unpaired manually by the user, or erased due to a reset of either device. If this occurs or you find either unit is unable to connect, repeat the above steps.

Headphone Jack/Audio Out

Requires a 3.5mm to RCA audio/video cable (not included).

 Note: Speakers must have their own power supply.

1. Using a 3.5mm to RCA stereo cable (not included), connect the external powered speakers to the **Headphone Jack** on the projector. *Note: The yellow video plug will not be needed in this setup and will not need to be connected.*

2. The projector will automatically detect the connection and send audio signal to the speakers.
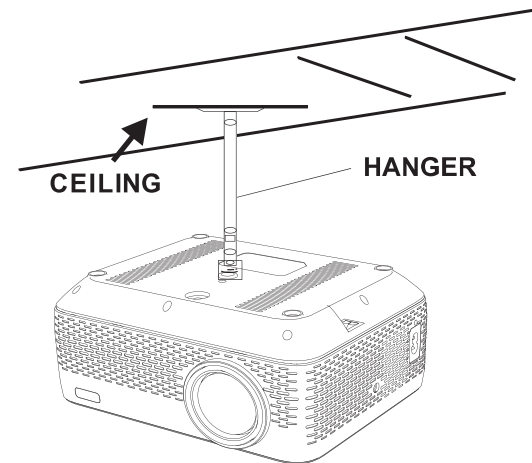
Connect AV cable to speaker:

Audio Left Channel - White

Audio Right Channel - Red

Video (Yellow) plug will NOT be needed in this instance.

Headphone Jack

Mounting

Ceiling Mount
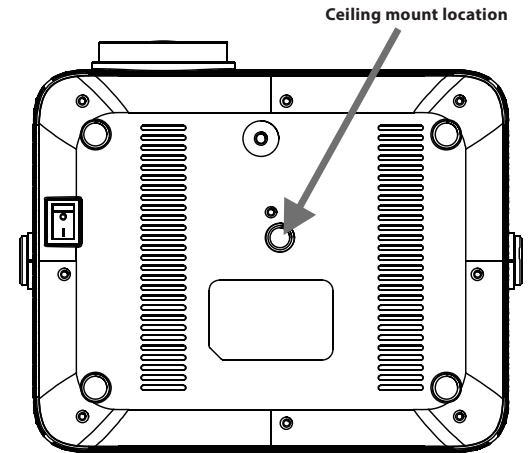
To mount the projector from the ceiling, you will need mounting hardware as recommended by a professional. Mounting hardware and instructions are not included.
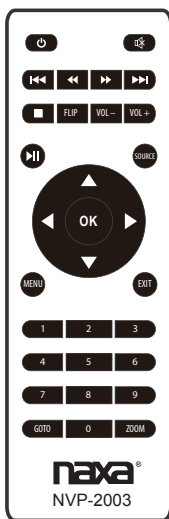
Before mounting, be sure the ceiling structure can support the weight of the projector and the mount itself. It is recommended to have this unit mounted by a professional.

Ceiling mount location

CEILING   **HANGER**
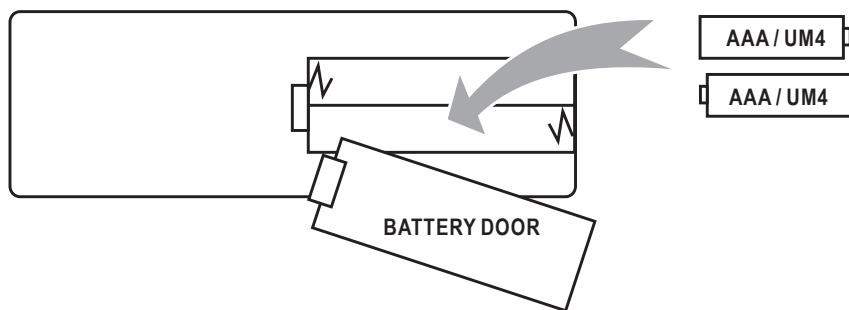
Remote

Functions

Power
Press to power on.

Press twice to power off.

|◀◀ Previous / Next ▶▶|
Press to skip between chapters or tracks.

■ Stop
Press to stop playback.

Flip
Press to flip display image 180°.

▶|| Play/Pause
Press to play or pause an individual chapter or track.

Arrows/OK
Press to navigate and confirm selections in settings and other menus.

Menu
Press to access projector settings

Go To/Number Keypad
Press to enter specific chapter or track numbers. Use Play button to begin playing.

Mute
Press to mute volume.

◀◀ Back / Fwd ▶▶
Press to search through an individual chapter or track.

VOL+ / VOL−
Press to adjust audio level.

Source
Press to select media source (AV, HDMI, MEDIA).

Exit
Press to exit menu.

Zoom
Press to zoom display image in or out.

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NVP-2003

Batteries

Requires 2 AAA batteries (not included).

AAA / UM4
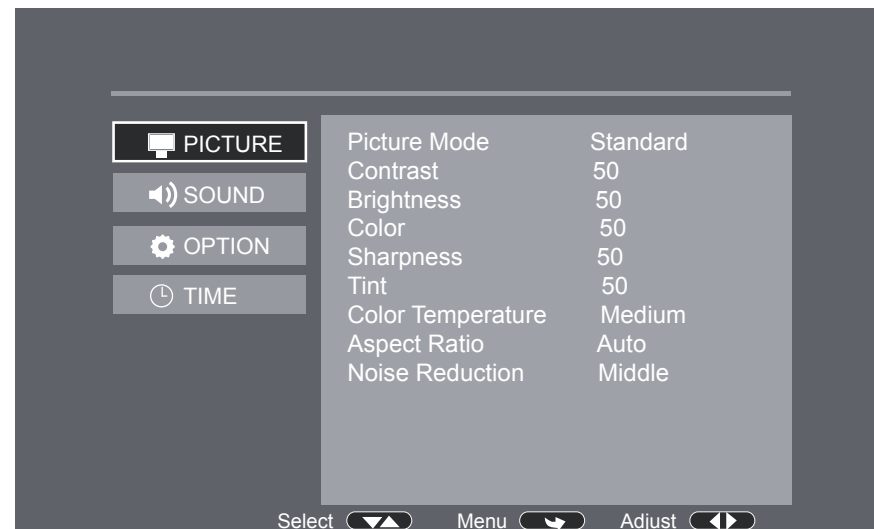
AAA / UM4

BATTERY DOOR

Menu Options

Change projector settings by pressing the Menu button and selecting the options you want to change.

Note: Not all settings are user adjustable.

Picture Menu

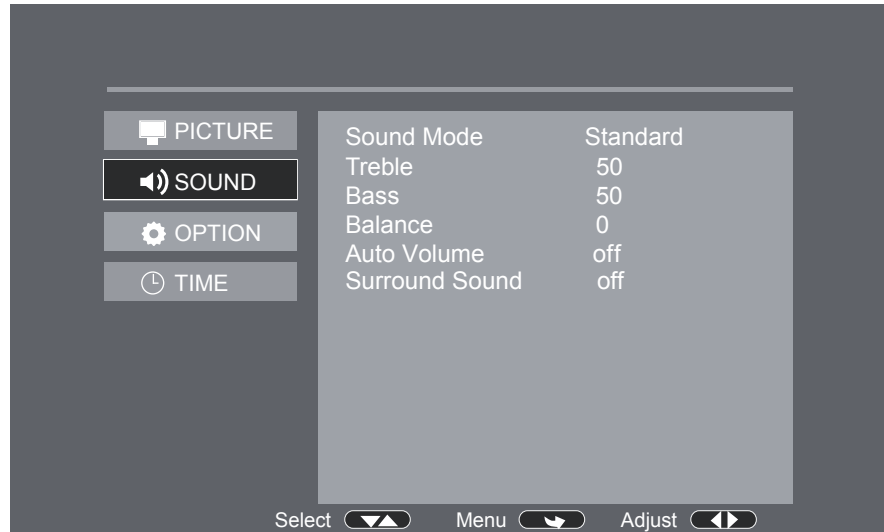| PICTURE | Picture Mode | Standard |
SOUND	Contrast	50
OPTION	Brightness	50
TIME	Color	50
	Sharpness	50
	Tint	50
	Color Temperature	Medium
	Aspect Ratio	Auto
	Noise Reduction	Middle

Select ⌄⌃   Menu ↵   Adjust ◁▷

1. **Picture Mode**
   Select Vivid, User (custom), Soft, or Standard.

2. **Contrast, Brightness, Color, etc.**
   Set Picture Mode to "User" to adjust these settings.

3. **Color Temperature**
   Select Warm, Cool, or Medium.

4. **Aspect Ratio**
   Select 16:9, 4:3, or Auto.

5. **Noise Reduction**
   Select Off, Low, Middle, High or Default.

Menu Options

Sound Menu

PICTURE	Sound Mode	Standard
SOUND	Treble	50
OPTION	Bass	50
TIME	Balance	0
	Auto Volume	off
	Surround Sound	off

Select Menu Adjust

1. **Sound Mode**
   Select Music, Movie, User (custom), Sports, or Standard.

2. **Treble & Bass**
   Set Sound Mode to "User" to adjust these settings.
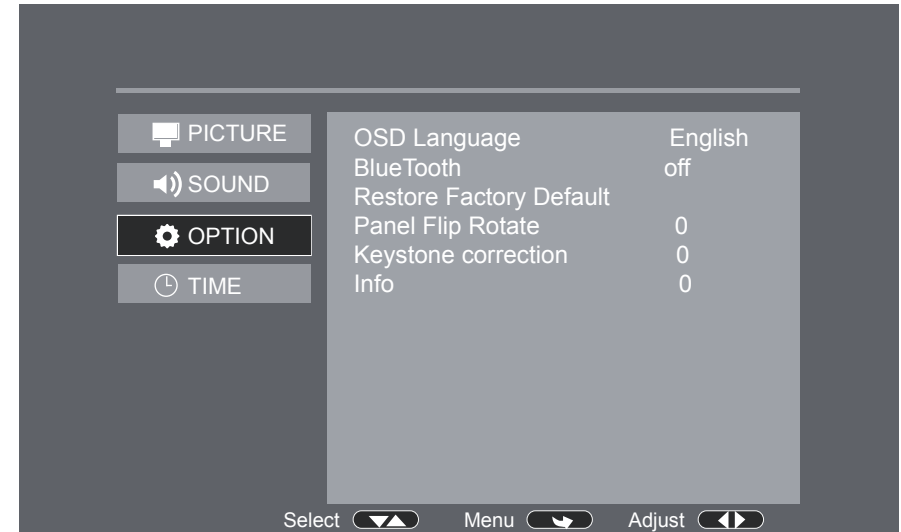
3. **Balance**
   Adjust the audio balance.

4. **Auto Volume**
   Select On or Off

5. **Surround Sound**
   Select Surround or off

Options Menu

PICTURE	OSD Language	English
SOUND	BlueTooth	off
OPTION	Restore Factory Default	
TIME	Panel Flip Rotate	0
	Keystone correction	0
	Info	0

Select Menu Adjust

1. **OSD Language**
   Select English, French, or Spanish for the On Screen Display.

2. **Bluetooth**
   Select to connect to a Bluetooth device.

3. **Restore Factory Default**
   Reset the projector and restore all of the default settings.

4. **Panel Flip Rotate**
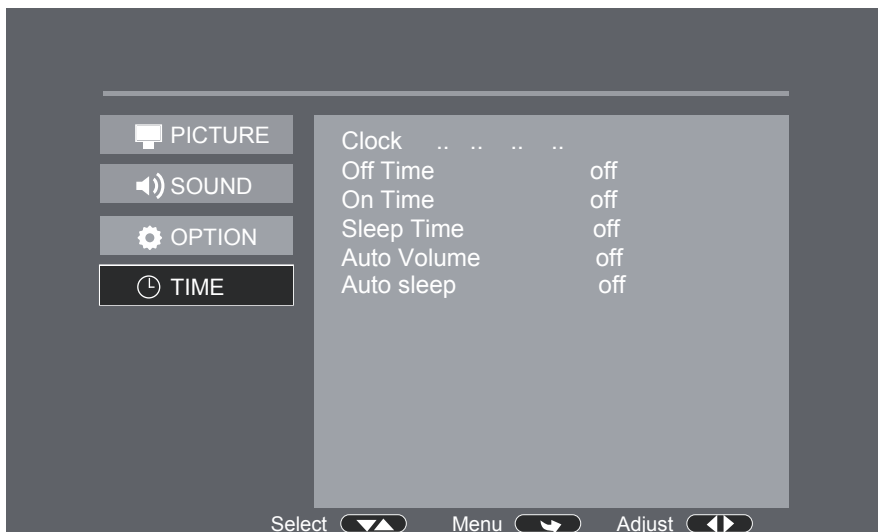   Select to change projection mode (0, 1, 2, 3)

5. **Keystone Correction**
   Select to adjust image corners to reduce image distortion.(-22 ~ +22)

6. **Info**
   Select to display the unit information.

Menu Options

Time Menu

PICTURE	Clock .. ..
SOUND	Off Time off
OPTION	On Time off
TIME	Sleep Time off
	Auto Volume off
	Auto sleep off

Select ▼▲   Menu ↵   Adjust ◀▶

1. Clock
Select clock to Day, Month, Year, Hour and Minutes.

2. Off Time
Select turn off time to Off, Once, Every day, Hour and Minutes.

3. On Time
Select turn on time to Off, Once, Every day, Hour and Minutes.

4. Sleep Timer
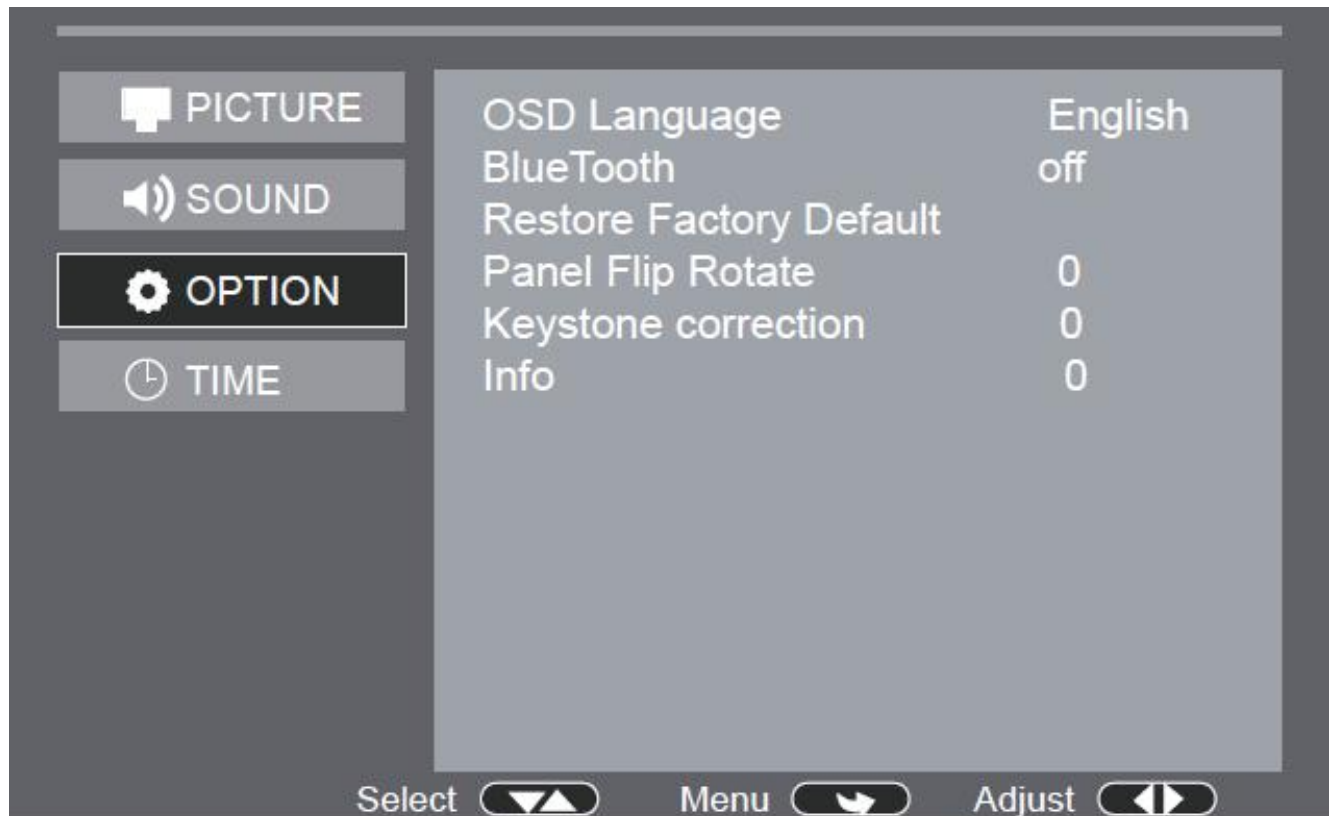Select sleep timer to Off, 10min, 20min, 30min, 60min, 90min, 120min.

5. Auto Sleep
Select auto sleep function to Never, 4hours, 6hours

Ajustes del Menú de Opciones

Presionar "MENU" en el control remoto para desplegar el menú de ajustes del proyector. Presionar
" ▲ ▼ ▶ ◀ " para seleccionar "OPTION", presionar "OK" para confirmar y entrar.

Se despliega el submenú de ajustes, presionar " ▲ ▼ ▶ ◀ " para seleccionar la opción deseada a
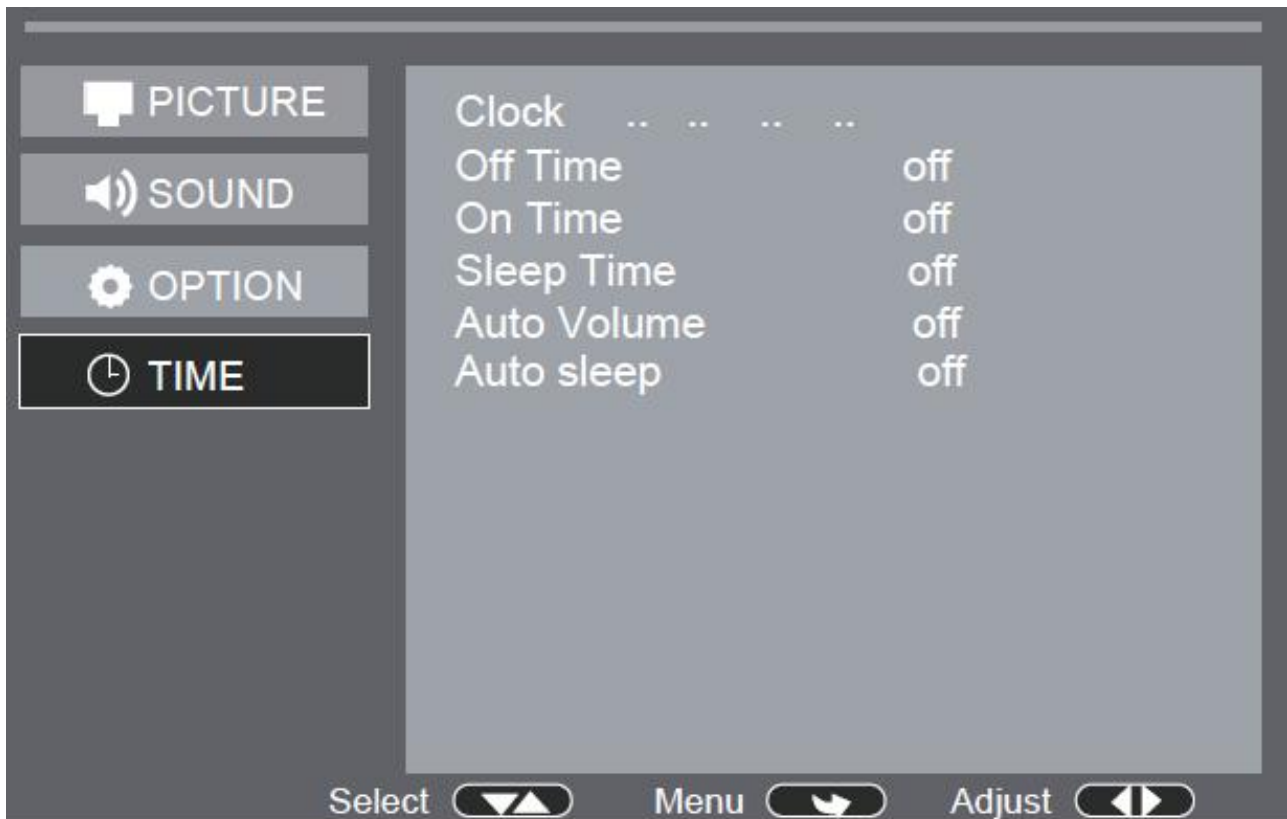ajustar, presionar "OK" para confirmar y realizar el ajuste.

1. **Idioma de despliegue "OSD Language"**
    Seleccionar el idioma de despliegue deseado
2. **Bluetooth®**
    Seleccionar para conectar a un dispositivo Bluetooth®.
3. **Restablecer ajustes de fábrica "Restore Factory Default""**
    Para restablecer los ajustes predeterminados de fábrica, esto borra los ajustes realizados por el usuario.
4. **Rotar Panel "Panel Flip Rotate""**
    Seleccionar el modo de proyección de 0, 1, 2, 3
5. **Corrección del Trapezoidal "Keystone Correction"**
    Seleccionar para ajustar las esquinas de la imagen para reducir la distorsión de la misma (-22 a +22).
6. **Información "INFO"**
    Despliega la información del proyector.

Ajustes del Menú de Tiempo

Presionar "MENU" en el control remoto para desplegar el menú de ajustes del proyector. Presionar "▲ ▼ ▶ ◀" para seleccionar "TIME", presionar "OK" para confirmar y entrar.

Se despliega el submenú de ajustes, presionar "▲ ▼ ▶ ◀" para seleccionar la opción deseada a ajustar, presionar "OK" para confirmar y realizar el ajuste.

1. **Reloj de Apagado "Clock"**

   Seleccionar para ajustar el Dia, Mes, Año, Hora y Minutos del reloj.

2. **Reloj de Apagado "OFF Time"**

   Seleccionar el tiempo de apagado automático de Desactivado, Una vez, Diario, Hora y Minutos.

3. **Reloj de Encendido "ON Time"**

   Seleccionar el tiempo de apagado automático de Desactivado, Una vez, Diario, Hora y Minutos.

4. **Reloj de Apagado Automático "Sleep Time"**

   Seleccionar el tiempo de apagado automático de Desactivado, 10, 20, 30, 60, 90, 120 minutos.

5. **Volumen Automático "Auto Volume"**

   Seleccionar el ajuste automático de volumen al encender el proyector

6. **Dormir "Auto Sleep"**

   Seleccionar el tiempo de dormir de Nunca, 4, 6 horas.