

# memorex®

720p Portable HD Projector

MODEL | **MX-PJ720**

OPERATION MANUAL



ENGLISH

## SPECIAL NOTES

For users in U.S.



**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. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**

### Explanation of Graphical Symbols:



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



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.

**WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.**

### FOR YOUR RECORDS

For your assistance in reporting this unit in case of loss or theft, please record below the model number and serial number which are located at the bottom of the unit.

Please retain this information.

Model number \_\_\_\_\_

Serial number \_\_\_\_\_

Date of purchase \_\_\_\_\_

Place of purchase \_\_\_\_\_

To obtain service or product  
information,  
call **1-877-506-4900**

## FCC COMPLIANCE STATEMENT

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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.

### FCC Radiation Exposure statement

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. such modifications could void the user's authority to operate the equipment.

1. **Read Instructions:** All the safety and operating instructions should be read before the appliance is operated.
2. **Retain Instructions:** The safety and operating instructions should be well kept for future reference.
3. **Heed Warnings:** All warnings on the appliance and in the operating instructions should be adhered to.
4. **Follow Instructions:** All operating and use instructions should be followed.
5. **Power Sources:** The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
6. **Power-Cord Protection:** Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point at which they exit from the appliance.
7. **Overloading:** Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.
8. **Grounding or Polarization:** Precaution should be taken to insure that the grounding or polarization means of an appliance is not defeated.
9. **Severe weather:** In extreme weather such as lightning storm, hurricane, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the appliance due to unexpected power surges.
10. **Water and Moisture:** The appliance should not be used near water—for example, near a bathtub, washbowl, kitchen sink, laundry tub, swimming pool, or a wet basement.
11. **Heat:** The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
12. **Object/Liquid Entry:** Care should be taken so that no object/liquid enter into the enclosure through openings.
13. **Ventilation:** The appliance should not be situated so that its location (on a bed, sofa, rug, or similar surface) or position (such as a bookcase or cabinet) interferes with its proper ventilation.
14. **Mounting:** The appliance should be mounted only as recommended by the manufacturer.
15. **Cleaning:** Only use a soft dry cloth to clean the appliance.
16. **Servicing:** The user should not attempt to service the appliance beyond that described in the user's operating instructions. All other servicing should be referred to qualified personnel.
17. **Replacement Parts:** When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer. Unauthorized substitutions may result in fire, electric shock or other hazards.
18. **Damage Requiring Service:** The appliance should be serviced by qualified service personnel when:
  - The power-supply cord or plug has been damaged.
  - Objects have fallen into, or liquid has been spilled into the appliance enclosure.
  - The appliance has been exposed to rain.
  - The appliance has been dropped, or the enclosure damaged.
  - The appliance does not appear to operate normally or exhibits a marked change in performance.
19. **Carts and Stands:** An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces cause the appliance and cart combination to overturn.
20. **Non-use Periods:** The power cord of the appliance should be unplugged from the outlet/The batteries should be removed when the appliance is to be left unused for a long period of time.



## THANKS FOR YOUR CHOOSING!

### Warning

Please do not open the case in order to prevent electric shock.  
Customers cannot repair parts of inside devices. Please contact professional maintenance staff to repair it.

### Environmental parameters:

Working height: no more than 2000 meters

Working temperature: 0-40°C

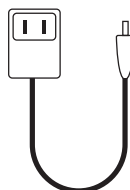
Working humidity: 10%-90%, non-condensing

Storage temperature: -10-50°C

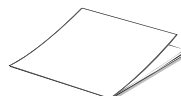
## STANDARD ACCESSORIES



Remote control

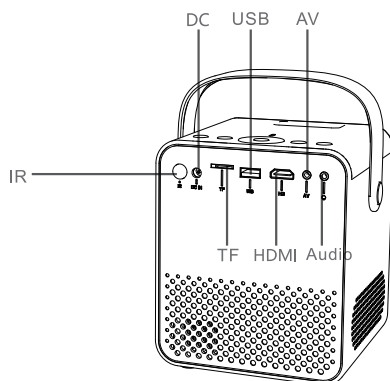


Adapter

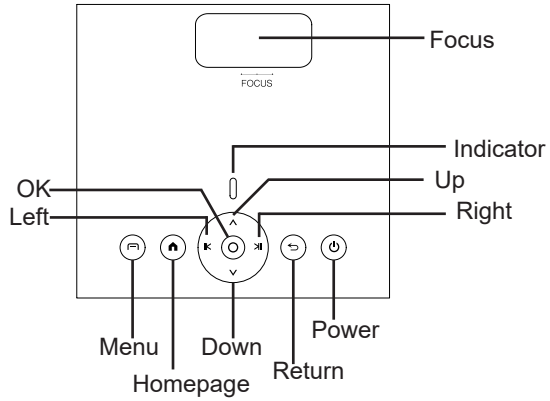


User Manual

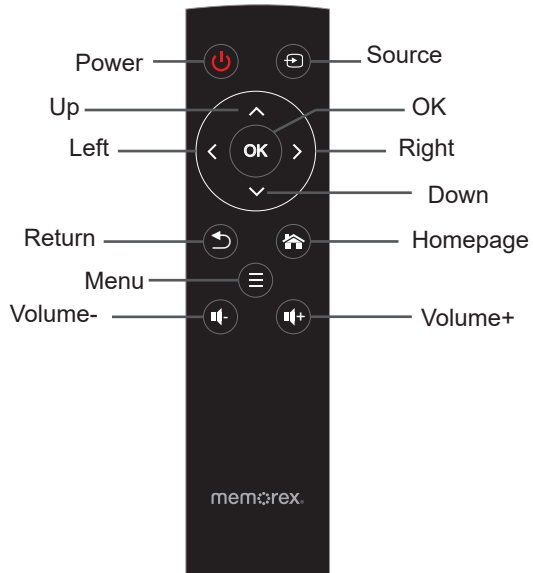
## INTERFACE DEFINITION



## CONTROL PANEL



## REMOTE CONTROL



## BATTERY INSTALLATION OF REMOTE CONTROL

1. Slide and lift the battery door.
2. Install 2 (two) AAA size batteries(not included)into the battery compartment as indicated by the polarity markings.
3. Close the battery door.



1. Use only the size and type of battery specified.
2. Be sure to follow the correct polarity when installing the battery as indicated in the battery compartment, a reserved battery may cause damage to the device.
3. Do not mix different types of batteries together (e.g. Alkaline and Carbon-zinc) or old batteries with fresh ones.
4. If the batteries in the device are consumed or the device is not to be used for a long period of time, remove the batteries to prevent damage or injury from possible leakage.
5. Do not try to recharge the battery not intended to be recharged; it can overheat and rupture. (Follow battery manufacturer's instructions)
6. The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
7. Clean the battery contacts and also those of the device prior to battery installation.

- Note:**
1. When there is an obstacle between the transmitter and the unit, the unit may not operate.
  2. When direct sunlight, an incandescent lamp, fluorescent lamp or any other strong light shines on the REMOTE SENSOR of the unit, the operation of the remote may be unstable.

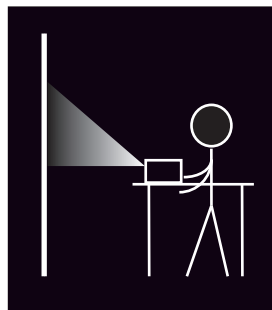
## INSTALLATION

### Choosing a location

Before choosing an installation for your projector, take the following factors into consideration:

- Size and position of your screen
- Electrical outlet location
- Distance between the projector and the screen

Select a proper location to place the projector in front of the screen as the illustration. This is the most common way to position the projector for quick setup and portability.



## OPERATION

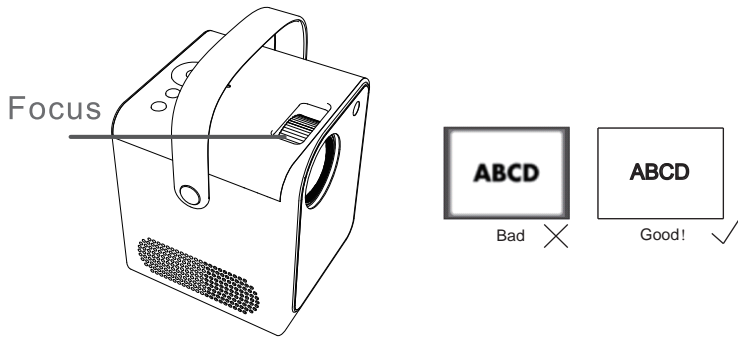
### Starting up the projector

1. Plug the power adapter into the DC in jack of the projector and a power outlet. Turn on the power outlet switch (where fitted). The indicator on the top of the projector lights red after power has been applied.

Note: Please use the supplied power cable to avoid possible dangers such as electric shock and fire.


2. Press the power button on the projector or remote control to turn on the projector. The POWER indicator turns green when the projector is turned on. The fans start operating, and a start-up image is displayed on the screen while it warms up. The projector does not respond to further commands while it is warming up.

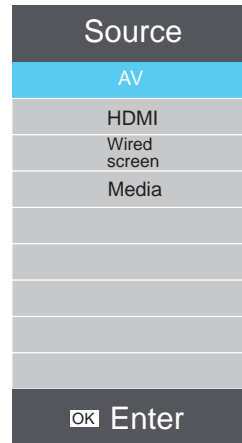
**Caution: Do not look into the lens of projector.**



After switching on the projector, turn the Focus knob to make the projected content clear.

### Starting up the projector

1. Press "  " on the remote control, the figure will appear at the upper right of the screen, you can choose different sources in.
2. You can connect different devices with the projector, according to the connection part of this manual.





## USB AND TF CARD OPERATION

### Media Play from USB and TF card.

When turn on the unit, the main screen will be as below (specifics are based on the projector), you can choose Movie, Photo, Music and Text to display. The file formats supported by the product are shown in the figure.



Fiel Type	Format
Video	MKV/RMVB/MPEG1/AVI/MOV/ DIVX4/DIVX5/FLV/XVID
Audio	MP3/ACC/MP3G/AAC/OGG/ WAV/WMA
Image	JPG/BMP/PNG/JPEG/TIFF/GIF/ KADAK
Screen Mirroring	Share your phone screen with the projector

1. Insert the USB device/TF card and the icon of USB/TF card will appear at the top right of the homepage.
2. Press the **SOURCE** button on the remote control to choose the **Media** option and confirm, then you can choose the content you desire to play (provided that the USB and TF cards have these contents).



## CONNECTION

When connecting a signal source to the projector, be sure to:

1. Turn all equipment off before making any connections.
2. Use the correct signal cables for each source.
3. Make sure the cables are firmly inserted.

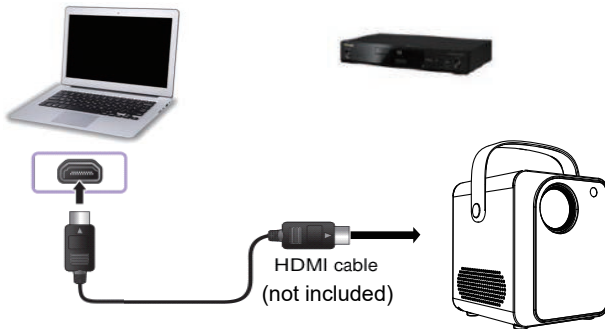
In the connection illustrations shown below, some cables may not be included with the projector (see accessories). They are commercially available from electronics stores.

Connecting with video equipment.

Terminal name	Terminal appearance	Function	Picture quality
HDMI		Connecting HDMI devices	● Best
AV		Connecting a AV devices	● Good

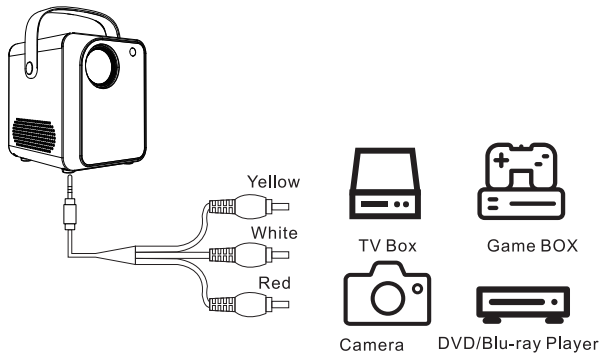
## CONNECTING HDMI DEVICES

HDMI (High-Definition Multimedia Interface) supports uncompressed video data transmission between compatible devices like Laptop, DTV tuners, DVD players, Blu-ray players and displays over a single cable (shown as the figure). You should use an HDMI cable when making a connection between the projector and HDMI devices.



## CONNECTING AV DEVICES

Connect the DVD, DTV Tuner with AV output devices, like DVD Player, DTV Tuner, etc.



## WIRED SCREEN

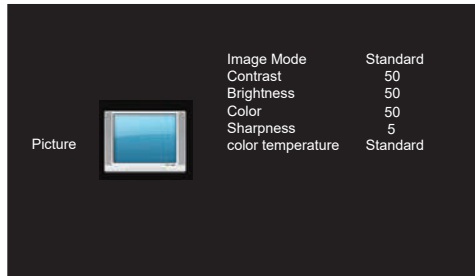
1. Press the SOURCE button on the remote control to switch to wired screen mode.
2. A QR code will appear at the lower left corner of screen, scan the code and download the app if using the Android phone.
3. Use the USB charging cable to connect your phone and the USB port of projector.
4. If using the iPhone, the phone's image will be projected directly onto the screen; if using the Android phone, the inquiry options will pop up and choose the option you desire then confirm until the phone's image is projected on the screen.

**Note:** The projector only has the image without sound when using the Android phone under wired screen mode, while it will not appear this problem using the iPhone.

# SETTINGS

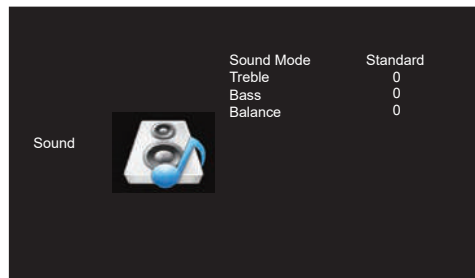
You can get better video performance, from the machine setting. Touch menu key on control panel or remote control, Please note that you can switch between Picture, Sound, Option,BT Device and Keystone with the left and right buttons on the unit or the remote control.

Picture Mode: You can adjust the color temperature, contrast, brightness, color, sharpness etc..



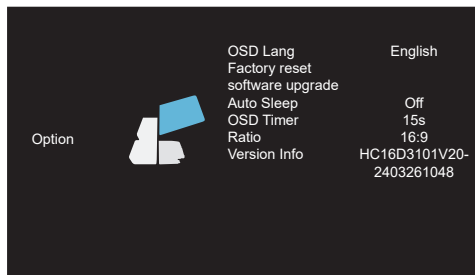
Sound Mode:

Sound Mode,Treble,Bass and Balance.



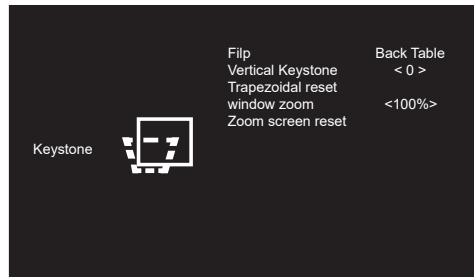
Option

You can adjust the OSD language, Auto Sleep,OSD Timer,Ratio, restore factory settings,etc..



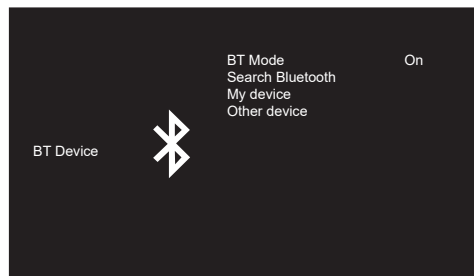
## Keystone

Flip, Vertical Keystone, Trapezoidal reset, window zoom and Zoom screen reset.



## BT Device

You can turn on the BT Mode and Search Bluetooth to connect wireless bluetooth speaker.









## WARNING

1. Use this product only for intended use as described in this manual.
2. No peeking into the lens while projectors is working.
3. No cloth, or any other material that could stock ventilation holes of the projector.
4. No water-proof function for this projector, no such apparatus as vase or cup should be put around the projector.
5. Projector should be stocked and used at dry and clean condition.
6. Please turn off the projector and cut off the power supply, if it is not used for a long time.
7. Please use factory original foam and other shockproof material while transporting.
8. If projector defected, do not attempt to repair it by yourself. Please contact with your distributor or factory directly.
9. To avoid risk of electronic shock, do not disassemble or repair the device. Incorrect repair may cause risk of electronic shock or injury to people during operating.

## SPECIFICATIONS

Power input .....AC 100-240V $\sim$  50/60Hz  
 Power output .....DC 22V  $\equiv$  2A  $\diamond$  $\ominus$  $\diamond$   
 Power consumption ..... 48W  
 Bluetooth version ..... 5.1

	The symbol indicates AC voltage
	The symbol indicates DC voltage
	For indoor use only
	The symbol indicates energy efficiency marking
	<b>CAUTION</b> The battery used, please refer for further information to the user manual
	The symbol indicates polarity of d.c. power connector

**mem:rex®**