

V2



Beam anything, anywhere.



USER MANUAL

Model: PICZO 1

PICZO

<b>1</b>	<b>FCC Compliance Statement .....</b>	<b>3</b>
1.1	FCC Requirement .....	3
<b>2</b>	<b>Disposal and Recycling Information .....</b>	<b>4</b>
<b>3</b>	<b>Precautions.....</b>	<b>4</b>
<b>4</b>	<b>Package Contents .....</b>	<b>5</b>
4.1	Projector .....	6
4.1.1	Key Operations.....	7
4.2	Remote .....	7
<b>5</b>	<b>Basic Operations .....</b>	<b>8</b>
5.1	Power ON.....	8
5.2	Power OFF .....	8
5.3	Adjusting Focus.....	8
5.4	Resizing Projection Screen .....	8
<b>6</b>	<b>Charging.....</b>	<b>9</b>
6.1	Indicator Light Status.....	9
6.2	Battery Capacity .....	9
<b>7</b>	<b>User Interface .....</b>	<b>10</b>
7.1	Menu Options .....	11
<b>8</b>	<b>Input Sources .....</b>	<b>12</b>
8.1	HDMI .....	12
8.2	microSD Card.....	12
8.2.1	Inserting microSD Card.....	12
8.2.2	Ejecting microSD Card .....	12
<b>9</b>	<b>Product Maintenance .....</b>	<b>13</b>
9.1	Projector .....	13
9.2	Remote Control .....	13
<b>10</b>	<b>Technical Specifications .....</b>	<b>14</b>
<b>11</b>	<b>Frequently Asked Questions.....</b>	<b>15</b>
<b>12</b>	<b>Trademarks .....</b>	<b>16</b>
<b>13</b>	<b>Regulatory Information.....</b>	<b>16</b>

# 1 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.

## 1.1 FCC Requirement

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

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. The end user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. The device is designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA). These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the body is 1.245 W/kg.

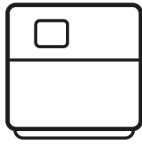
## **2 Disposal and Recycling Information**

Damaged batteries should be treated as hazardous materials. Do not return the device if the battery is swelling, leaking, or if you in any other way suspect that the battery is damaged. In this case, please make sure you dispose of or recycle the item and its accessories according to local laws and regulations. Do not puncture, drop or incinerate the battery.

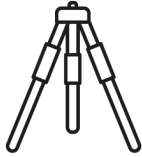
## **3 Precautions**

- To prevent electric shock, do not open the case. If needed, please ask your local retailer for repair or replacement services.
- When operating the projector: do not look into the lens, as this may cause injury to the eyes.
- To prevent fire or electric shock, do not operate this product in wet or moist environments.
- When using the projector: avoid dropping and impact, as this may damage internal components.
- Always use the included Power Adapter when charging the projector.
- Avoid keeping the Power Adapter plugged in to the projector when it is not in use, unless charging is needed.

## 4 Package Contents



Projector



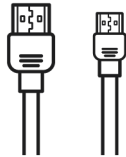
Mini Tripod



Power Adapter



Power Plug  
(Type C)



HDMI® to Mini  
HDMI Cable

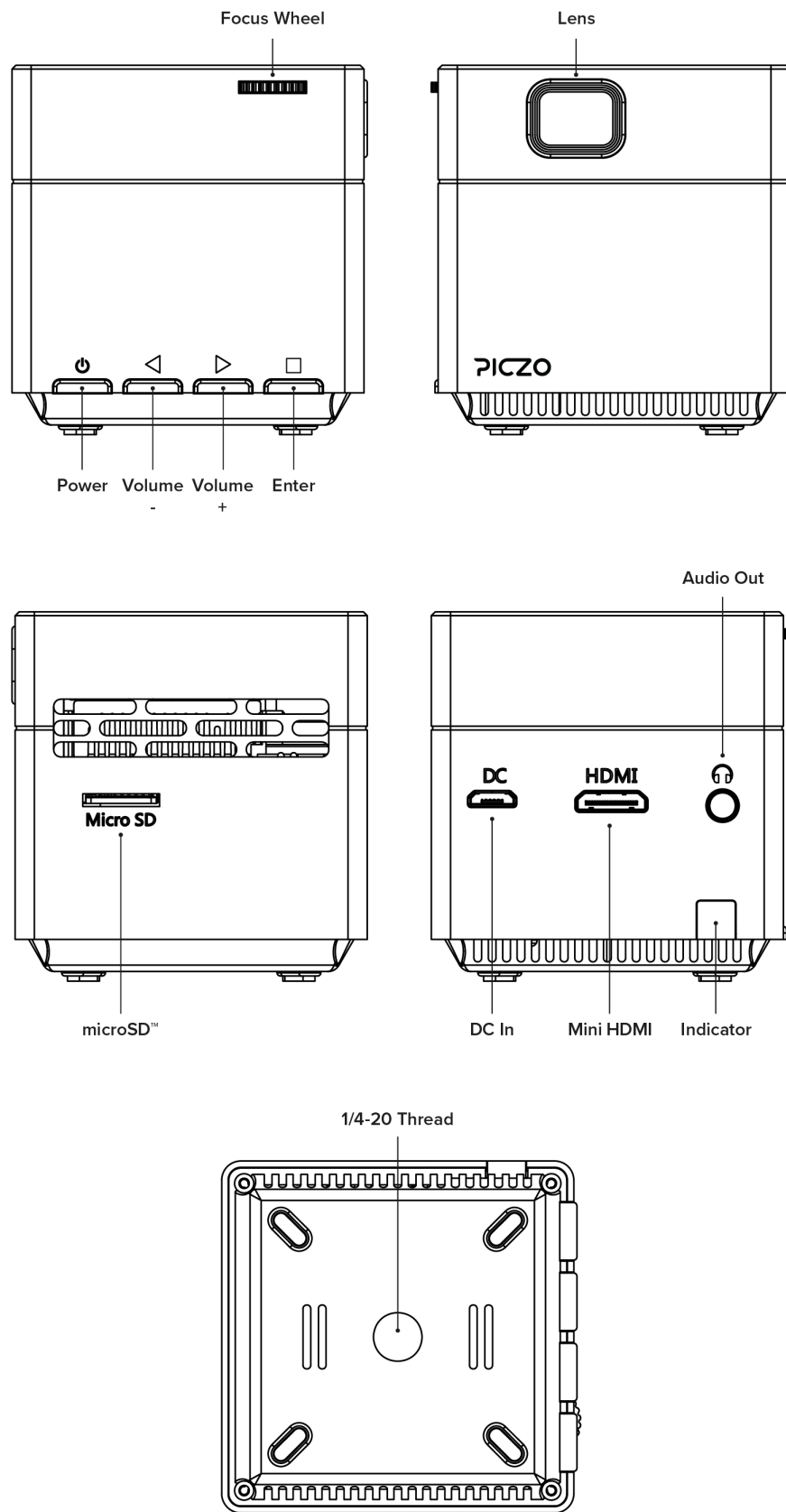


HDMI to Mini  
HDMI Adapter







Remote

## 4.1 Projector

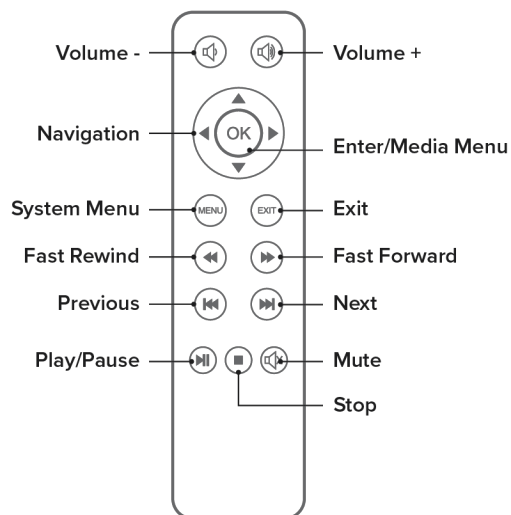


### 4.1.1 Key Operations

Please refer to the following table for information about the physical keys on the projector:

	Power Return (in sub-menu)
	Volume - Previous
	Volume + Next
	Enter Play/Pause System Menu (in HDMI Mode)

## 4.2 Remote



Please note:

- Handle the remote control carefully. Dropping or jarring the remote can damage internal components.
- Exposure to direct sunlight, smoke or steam can also harm internal components.

## 5 Basic Operations

### 5.1 Power ON

Press and hold the **Power** key on the projector for 3 seconds to turn on the projector.

### 5.2 Power OFF

1. Press and hold the **Power** key on the projector for 3 seconds to turn off the projector.
2. At the **Home Screen**: select the **Power** option and then select **Yes** by pressing **OK** on the remote control or the **Enter** key on the projector.

### 5.3 Adjusting Focus

Roll the focus wheel to adjust the clarity of the projected image. Stop rolling the wheel once the projected image becomes clear.

### 5.4 Resizing Projection Screen

The projection screen size is related to the distance from the projector to the surface on which the display is being projected onto, also known as throw distance. Please refer to the following table for the relationship between throw distance and screen size:

Screen Size	Throw Distance
7"	0.18m
38"	1m
56"	1.5m
100"	2.5m

Please note:

- The measured values are estimated for reference only.



## 6 Charging

The projector can be powered by the included Power Adapter or the internal rechargeable battery. To obtain maximum battery life, it is highly suggested that you charge the battery for at least 4 hours the first time.

1. Ensure the projector is turned off and connect it to the Power Adapter.
2. Connect the Power Adapter and the Power Plug (Type C).
3. Insert the Power Plug (Type C) into a wall outlet to charge the battery.

### 6.1 Indicator Light Status

Please refer to the following table for information about indicator light status:

	Power OFF	Power ON
Red Light	Charging	Charging
Blue Light	Fully Charged	Working

### 6.2 Battery Capacity

Please refer to the following table for information about the battery capacity and the battery level indicator:



The battery capacity status will be shown in the upper right corner of the screen.



The main battery level indicator will be shown next to the battery capacity status in the upper right corner of the screen.

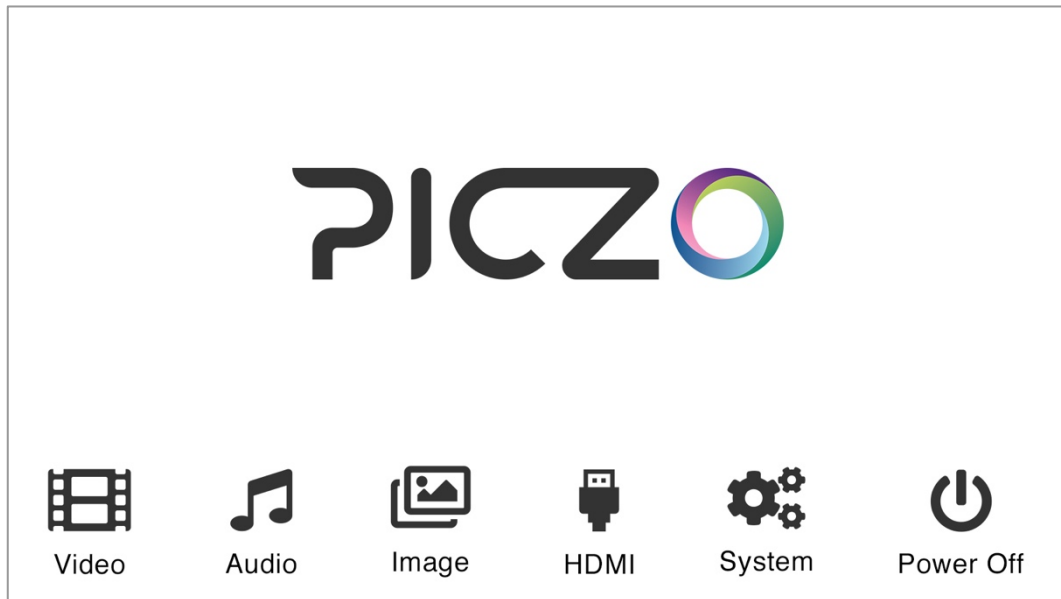


Battery is running low. Please connect projector to Power Adapter.

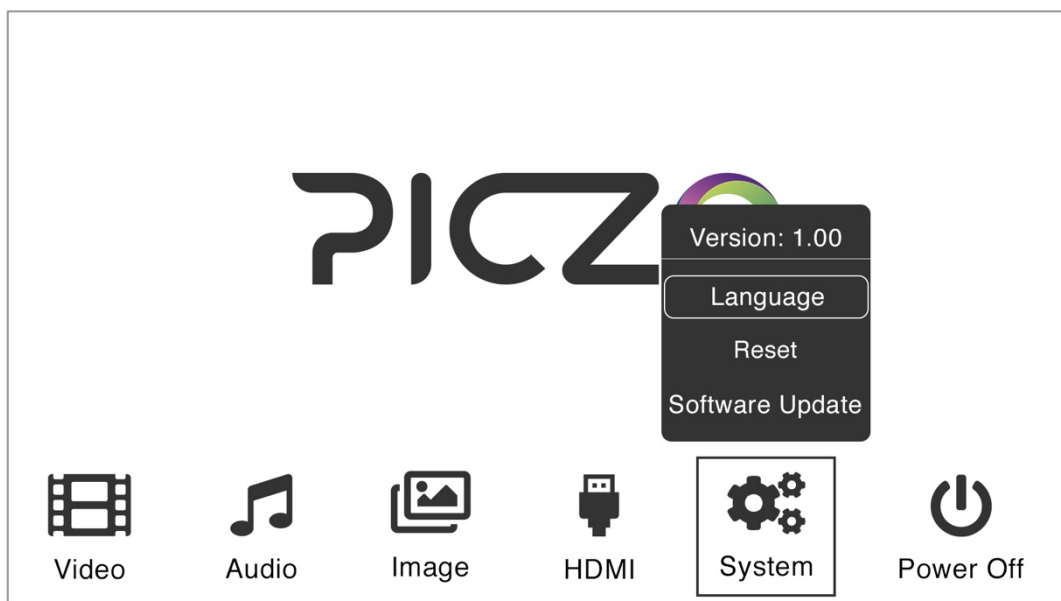


Battery depleted. Projector will power off unless connected to Power Adapter.

## 7 User Interface



Home Screen



System sub-menu

## 7.1 Menu Options



### Video

Access this option to play video files stored on a microSD card.



### Audio

Access this option to play audio files stored on a microSD card.



### Image

Access this option to view image files stored on a microSD card.



### HDMI

Access this option to activate **HDMI Mode** on the projector.



### System

Access this option to select **Language**, **Reset** to factory defaults and **System Update**.  
*Please ask your local retailer for information on how to update the system.*



### Power Off

Use this option to power off the projector.

## 8 Input Sources

### 8.1 HDMI

Project the display from any device supporting HDMI by activating the **HDMI Mode** from the **Home Screen** and connecting the device via an HDMI cable. Use appropriate adapters if needed.

Please note:

- The projector supports a full 1080p HDMI input source at 60Hz.

### 8.2 microSD Card

Make sure to insert the microSD card the correct way to playback and view content. The microSD card should gently be inserted all the way inside the card slot, leaving the microSD card flush with the surface of the projector.

The microSD card read status will be shown in the upper right corner of screen:



No microSD card or incompatible card.



microSD card successfully connected.

Please note:

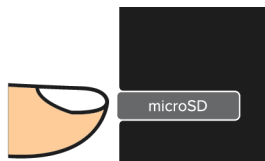
- The projector supports microSD cards up to 64GB.

#### 8.2.1 Inserting microSD Card

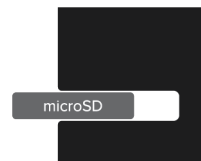
Use the tip of a fingernail to gently push the microSD card in place with a forwards and down motion.



This side up



Correct



Wrong

#### 8.2.2 Ejecting microSD Card

Use the tip of a fingernail to gently push the microSD card inwards to release and eject. Now it is safe to remove the microSD card.

## **9 Product Maintenance**

### **9.1 Projector**

- Charge the battery for at least 4 hours the first time.
- If the projector gets dirty: wipe clean with a dry cloth.
- Do not wipe the projector with a damp cloth.

### **9.2 Remote Control**

The remote control comes with an included CR2025 3V battery in the original package. Please use the same type of battery when replacement is needed.

## 10 Technical Specifications

Native Resolution	854*480 (FWVGA)
Compatible Resolution	640*480~1920*1080
Display Technology	TI DLP®
Light Source	RGB LED OSRAM
Focus	Manual
Brightness (ANSI)	100 Lumens
Contrast	1000:1
Power Supply	DC 5V/2A (Micro-USB)
Power	8.5W
Built-in Speaker	8Ω1.5W
Input	Mini HDMI, microSD (up to 64GB)
Output	3.5mm Audio Out
Battery	3.7V 2500 mAh
Dimensions	55 x 55 x 55mm
Net Weight	174g
LED Life Expectancy	30,000 Hours
Supported Video File Formats	DAT, FLV, MKV, MOV, MP4, MPG, RM, TRP, TS, WMB, RMVB
Supported Audio File Formats	AAC, FLAC, M4A, OGG, MP3, WAV, WMA
Supported Image File Formats	PNG, BMP, JPEG, JPG

Please note:

- The specifications are subject to change without notice.

## 11 Frequently Asked Questions

**Question:** Why is the indicator light status showing blue, but the projection screen is not showing?

**Answer:** Make sure not to press and hold the Power key too long. Release the Power key as soon as the indicator turns blue. Please be patient and do not push the Power key repeatedly during the system boot process, which may cause the projector to crash.

**Question:** Why can I not view the files on my microSD card?

**Answer:** If the capacity of the microSD card is higher than 64GB, the projector will not be able to read the content on the card. The maximum capacity supported by the projector is up to 64GB. Also, ensure that the microSD card is formatted to NTFS (up to 64GB) or FAT32 (up to 32GB).

**Question:** Why can some video files not be played?

**Answer:** Make sure that the file format is supported by the projector and that the video resolution is 1080p or lower. The maximum supported video resolution is full 1080p at 60Hz. Please refer to Supported Video File Formats in chapter **10 Technical Specifications** for more information.

**Question:** Why does some videos not have sound?

**Answer:** Due to a copyright issue with Dolby®, this projector does not support Dolby Audio Decoding. You might not get sound from some videos if they are using Dolby Audio Decoding.

**Question:** Why does the system crash or get stuck?

**Answer:** This usually occurs when the computing power of the projector cannot perform on the same level as the connected device. It is also common when trying to display a device running a higher resolution than the projector can support.

Please note:

- Most issues can be solved by restarting the projector. Press and hold the Power key on the projector for 3 seconds to power off the projector. Then press and hold the Power key on the projector for 3 seconds to power on the projector again, completing the process.

## 12 Trademarks

Piczo is a registered trademark of Swede Invent AB, registered in Sweden. Distributed by Swede Invent AB, Säterivägen 16, 65341 Karlstad, Sweden. © 2019 All Rights Reserved. Made in China.

SD and related marks and logos are trademarks of SD-3C LLC in the United States, other countries or both. HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC in the United States and/or other countries. DLP and the DLP logo are registered trademarks of Texas Instruments. Dolby is a registered trademark of Dolby Laboratories.

## 13 Regulatory Information

