Model: P100B
Pico Projector
USER GUIDE
Table of Contents

Customer Support ........................................................................................................ 1

1 Introduction ............................................................................................................... 2
  1.1 Features ................................................................................................................ 2
  1.2 What's in the Box .................................................................................................. 3
  1.3 Product Overview ............................................................................................... 4
  1.4 Infrared Remote Control .................................................................................... 5

2 Getting started ......................................................................................................... 5
  2.1 Using the Remote Control .................................................................................. 5
  2.2 Turning the Projector On/Off .......................................................................... 6
  2.3 Adjusting the Focus ............................................................................................ 6
  2.4 Charging the Projector ....................................................................................... 7

3 Home Screen Overview .......................................................................................... 7

4 General Settings ..................................................................................................... 8
  4.1 Adjust the Brightness ......................................................................................... 9
  4.2 Adjust Projection Mode ....................................................................................... 9
  4.3 Bluetooth Control Pairing ............................................................................... 9
  4.4 Connecting to Wi-Fi .......................................................................................... 10
  4.5 Keystone Correction ......................................................................................... 10

5 All Apps .................................................................................................................. 11
  5.1 Youtube ............................................................................................................. 12

6 Google Play ............................................................................................................ 12

7 Files .......................................................................................................................... 12

8 Projection Sharing .................................................................................................. 12
  8.1 Airplay – iPhone .............................................................................................. 13
  8.2 Airplay – Mac .................................................................................................... 13
  8.3 Miracast – Android device ............................................................................. 14
  8.4 Wired Connection U Disk ............................................................................. 14

9 Specifications .......................................................................................................... 15

FCC Statement .......................................................................................................... 16
Friendly Tips

Congratulations on choosing to buy an Atomicx Pico projector. All products brought to you by Atomicx are manufactured to the highest standards of performance and safety. As part of our philosophy of customer service and satisfaction, products are backed by our 1 Year Warranty. We hope you will enjoy using your purchase for many years to come.

Customer Support

For any support or comments concerning our products, please send an email to: Support@ideausa.com
Toll-Free NO: +1-866-886-6878
1.2 What's in the Box

- Projector
- Adapter
- USB Cable
- OTG Cable
- Remote Control
- Tripod
- Flannelette Bag
- User Guide
- Warranty Card
1.3 Product Overview

1. Battery Power Indicator
2. Lens
3. Reset Key
4. Micro SD Slot
5. USB Charge Interface
6. IR Receiver
7. Audio Out
8. Power Key
9. + Key
10. Return Key
11. – Key
12. Focusing Gear
13. Air Outlet
14. Air Inlet
15. Tripod Mount
16. Speaker
17. Anti-slip Mat
1.4 Infrared Remote Control

2. Getting started

2.1 Using the Remote Control

**Power Key:** Press and hold the power key for 3 seconds to turn on the projector, Press the power key for 3 seconds to turn off the projector.

**Menu Key:** Press the Menu key to open the menu options in supported apps and settings menus.

**Navigation Key:** The Navigation keys on the remote control let you select between the apps or menu options available.

**OK Key:** Press the OK key to select an option.

**Home Key:** Press the Home key to return to the Home Screen.
**Mouse Key:** Press the mouse key to enable the air mouse, a point will be displayed on the projected screen, by tilting the remote control you can move the mouse pointer. Press the mouse key when the pointer is over an option you want to select. Press the navigation key to turn off the air mouse.

**Return Key:** Press the return key to go to the previous page or menu.

**+ / - Key:** Use the + and – keys to adjust the volume.

### 2.2 Turning the Projector On/Off

- **Power On**
  Press and hold the power key on the projector for 3 seconds to power on the Atomicx P100B Pico Projector.

- **Power Off**
  Press and hold the power key on the projector for 3 seconds to power off the Atomicx P100B Pico Projector. Alternatively, you can use the power key on the remote control to power on/off the Atomicx P100B Pico Projector.

### 2.3 Adjusting the Focus

Rotate the manual focus gear (12) to adjust the focus of the projector.
2.4 Charging the Projector

Plug the micro USB end of the USB cable into the micro USB port on the projector. Plug the other end into the AC adapter; plug the AC adapter into an AC plug socket. When charging the Battery Power Indicator light will light up red. When fully charged the light will turn blue.

3. Home Screen Overview
4 General Settings

Language
Language settings can be adjusted from the general settings menu. Use the navigation keys on the remote control to choose the language then confirm the choice by pressing the ok key on the remote. 
Home Screen > Settings > General Settings > Language

Date & Time
Date and Time can be set from the general settings menu. Use the navigation keys on the remote control to choose the date and time settings then use the ok key to confirm. 
Home Screen > Settings > General Settings > Date & Time

Storage Management
The storage management option under the general settings lets you see the internal storage. 
Home Screen > Settings > General Settings > Storage management

Application Management
You can access all the applications from the application management menu. Use the navigation keys on the remote control to choose the application then press the OK Key to launch the application. 
Home Screen > Settings > General Settings > Storage management

Online Upgrade
To check for a later version of the Atomicx projector’s software open the online upgrade potion from the general settings menu. 
Home Screen > Settings > General Settings > Online Upgrade

Factory Setting
To restore the Atomicx projector to the factor defaults open the Factory setting option from the general settings menu. A pop up will ask you display “Do you want to restore Factory Settings” Using the Navigation keys select Confirm and press ok to restore factory settings, To cancel the
option select cancel or press the return key to return to the general settings menu.  
Home Screen > Settings > General Settings > Factory Setting

If the projector is turned on and will not respond you can press the Reset Key (3) for one second to perform a hard factory reset and restore the factory settings.

**Warning:**
If you restore the factory settings all data stored on the pico projector will be lost and the device will be returned to its factory default settings.  
Be sure to back up any data needed before selecting this option.

### 4.1 Adjust the Brightness

The projector’s brightness can be selected from the settings menu.  
You can choose between Standard mode/Brightest mode.  
Home Screen > Settings > Projector Settings > LED Brightness

### 4.2 Adjust Projection Mode

You can adjust the projection mode from the settings menu.  
You can choose between the following projection modes: Standard Front Projection, Standard Rear Projection, Hoisting Front Projection, and Hoisting Rear Projection.  
Home Screen > Settings > Projector Settings > Projection mode

### 4.3 Bluetooth Control Pairing

Bluetooth settings can be adjusted from the settings menu. You can pair the Bluetooth controller or other Bluetooth enabled devices.  
Home Screen > Settings > Bluetooth Setting

To pair a device to the projector, select the “Scan For Devices” option and then select the device from the list Available Devices.

**Note:** If the remote controller can’t be scanned press the “OK” key and “Volume –” key on the remote for 5 seconds to confirm the Bluetooth mode has been turned on then scan for devices on the projector.
4.4 Connecting to Wi-Fi

The Atomicx Pico projector has 2.4G and 5G Dual Band Wifi support. To connect to a Wi-Fi network go to the Wi-Fi settings under the settings menu. Ensure the Wi-Fi is turned on and then select the desired network from the available network list. Follow the screen prompts to enter the Wi-Fi password and connect to the network. **Home Screen > Settings > Wi-Fi Setting**

![Wi-Fi Setting](image)

**Note:** After you enter the Wi-Fi password, click next on the on-screen keyboard to connect. Alternatively, click back on the remote control and then click the connect button on the screen.

4.5 Keystone Correction

The Atomicx P100B Pico Projector has manual Keystone correction. This can be adjusted from the settings menu. This lets you set the trapezoid correction. You can adjust the coordinates of the four points (X,Y) of the rectangle through the navigation keys on the remote control.
Use the Navigation keys on the remote control and follow the onscreen prompts to adjust or reset the keystone correction.
*Home Screen > Settings > Keystone Correction*

5. **All Apps**

To view all the apps installed on the Atomicx P100B Pico Projector projector open All Apps from the Home Screen.

The projector comes with Apotide TV app Store, Hulu, Netflix, and Amazon Prime Video apps pre-installed. These are listed in the All Apps folder accessible from the Home Screen.

**Note:** When using Netflix the navigation buttons on the remote control will not work. Please use the air mouse function on the remote control (see user manual 2.1) or connect a mouse via the USB OTG cable or with Bluetooth.
5.1 YouTube

The projector comes with the YouTube app pre-installed. You can open YouTube directly from the projector's home screen.
Home Screen > YouTube

6. Google Play

The Atomicx P100B Pico Projector comes with Google Play pre-installed. You can open this application from the home screen to download and install additional apps and software.

7. Files

You can use the Files option from the home screen to open the file manager where you can view and manage the files and apps on the projector, SD card, USB drive or local network connected to it.

8. Projection Sharing

Connecting your Atomicx P100B Pico Projector to another device.
8.1 Airplay – iPhone

1a. With Projector Connected to Wi-Fi
• Select the IOS screen sync option from the Home Screen.
• Select the iPhone option.
• Enter the iPhones Setting > Wi-Fi, then connect the iPhone to the same Wi-Fi network as the projector.

Note: on devices running iOS 11.0 or above the Airplay function is listed as Screen Mirroring.

1b. Without Projector connected to Wi-Fi, Using Mobile Hotspot
• Enter the iPhones Setting > Personal Hotspot > Open Hotspot
• Connect the projector to the hotspot.
  (See 4.4 Connecting to Wi-Fi)

2. From the Phone’s settings click the Airplay option.

3. Choose “xxx-xxxxxx-xxx” then open “Mirroring”.
The projector will now be connected to the iPhone sharing the same screen display.

8.2 Airplay – Mac
1a. With Projector Connected to Wi-Fi
On the Mac, click the Wi-Fi settings “WiFi”. Connect the Mac to the same Wi-Fi network as the projector.

1b. Without Projector Connected to Wi-Fi
On the Mac, click the Wi-Fi settings “WiFi”. Choose “AndroidAP” and connect.
2. Click “WiFi”, choose “xxx-xxxxxx-xxx” and the projector will now be connected to the mac sharing the same screen display.

8.3 Miracast – Android device

NOTE: Ensure the Projector and your Android device are connected to the same Wi-Fi network.

1. Open the settings on your Android device. Click “more wireless settings”
2. Open “Cast Screen” Searching and connecting.
3. For some Android devices open the shortcuts menu,
   look for the “screen sharing/mirroring/screen projection display/ WLAN Display/
   Wireless Display/ Multi-Screen/Smart View, search and connect to the device.
   If you can’t find the miracast function please contact customer service.

8.4 Wired Connection U Disk/Micro SD Card

1a. How to read the U Disk
• Connect the USB OTG cable to the Micro USB interface of the Projector.
• Connect the U disk to the other end of the USB OTG interface.

1b. How to read the Micro SD Card
• Insert the micro SD card into the micro SD card reader on the Projector.

2. Click in the file option from the home screen. Navigate the data using the remote controller.
# 9. Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Brightness</td>
<td>100 Lumen</td>
</tr>
<tr>
<td>Resolution</td>
<td>854x480</td>
</tr>
<tr>
<td>Display Ratio</td>
<td>16:9</td>
</tr>
<tr>
<td>Contrast</td>
<td>1000:1</td>
</tr>
<tr>
<td>Projection Distance</td>
<td>0.2 to 3 M</td>
</tr>
<tr>
<td>Throw Size</td>
<td>1M/37.8 Inch, 2M/75 Inch, 3M/110 Inch</td>
</tr>
<tr>
<td>Wi-Fi</td>
<td>IEEE 802.11a/b/g/n/ac, 2.4G / 5G Dual Band</td>
</tr>
<tr>
<td>Bluetooth</td>
<td>4.1</td>
</tr>
<tr>
<td>Battery</td>
<td>4200mAh Polymer Battery</td>
</tr>
<tr>
<td>Battery Life</td>
<td>130 Minutes</td>
</tr>
<tr>
<td>Micro SD Card</td>
<td>Supports up to 32GB Max</td>
</tr>
<tr>
<td>Power DC</td>
<td>5V 2A</td>
</tr>
<tr>
<td>Operating System</td>
<td>Android 7.1</td>
</tr>
<tr>
<td>Supported Wireless Protocols</td>
<td>Airplay / Miracast</td>
</tr>
<tr>
<td>Weight</td>
<td>290g (12oz)</td>
</tr>
<tr>
<td>Product Size</td>
<td>75x75x44mm (2.95x2.95x1.73inch)</td>
</tr>
<tr>
<td>Working Temperature</td>
<td>0°C to 30°C (32°F to 86°F)</td>
</tr>
</tbody>
</table>
FCC 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.

**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.
Pico Projector
P100BI19UMEN-01