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› TOUMEI C800 Mini Projector User Manual

TOUMEI C800S

TOUMEI C800 Mini Projector User Manual

Model: C800S | Brand: TOUMEI

1. INTRODUCTION

The TOUMEI C800 Mini Projector is a compact and versatile multimedia device designed for home entertainment, presentations, and on-the-go viewing. Featuring DLP display technology and an Android operating system, it offers a portable solution for projecting content from various sources.



Compact and portable design of the TOUMEI C800 Mini Projector, easily held in one hand.

Key features include a unique off-axis ray machine for automatic image calibration and precision CNC machined metal borders for enhanced durability and aesthetics.

Unique Off-axis Ray Machine

Automatically calibrate ladder image, no need to hang up or aim at screen center, more convenient, image is more clear and complete.



The lens axis of traditional projectors must be at the center of the image, which will cause image deformation, user's shadow to appear on the screen, strong light to hurt eyes...etc.

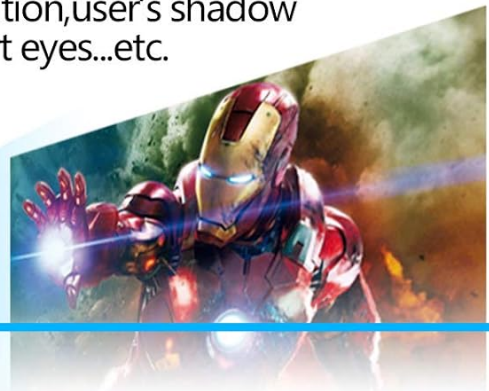
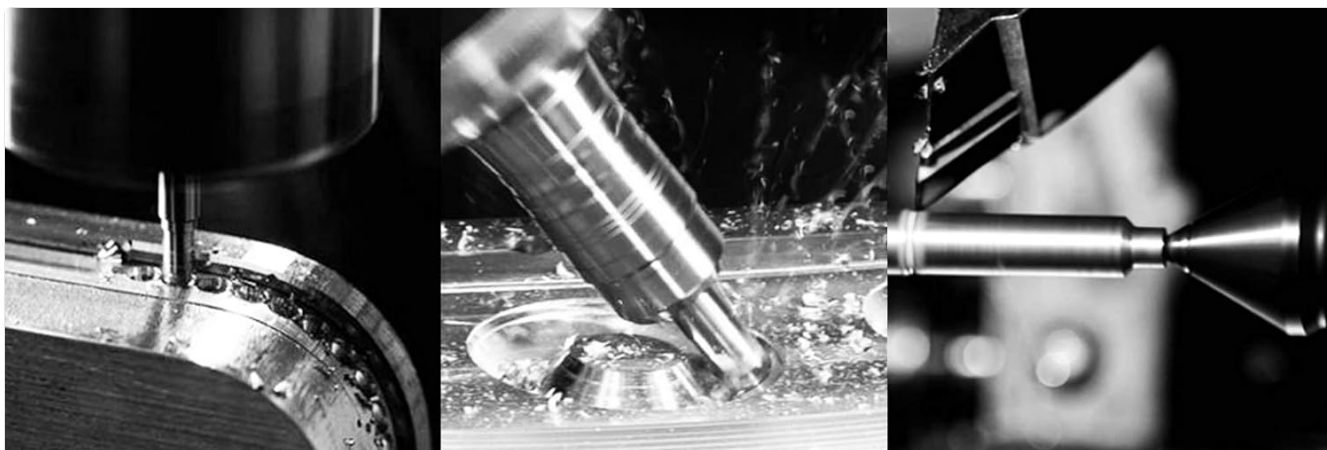


Diagram illustrating the unique off-axis ray machine technology for automatic image calibration, ensuring a clear and complete image without needing to center the projector.



CNC machining of metal borders, to create works of art

Close-up view highlighting the precision CNC machining of the metal borders, showcasing the product's premium build quality.

2. SETUP

2.1 Unboxing and Package Contents

Before starting, ensure all components are present in the package:

- TOUMEI C800 Mini Projector
- Remote Control
- Power Adapter (DC 5V 3A)
- Mini Tripod (may vary by package)
- User Manual (this document)



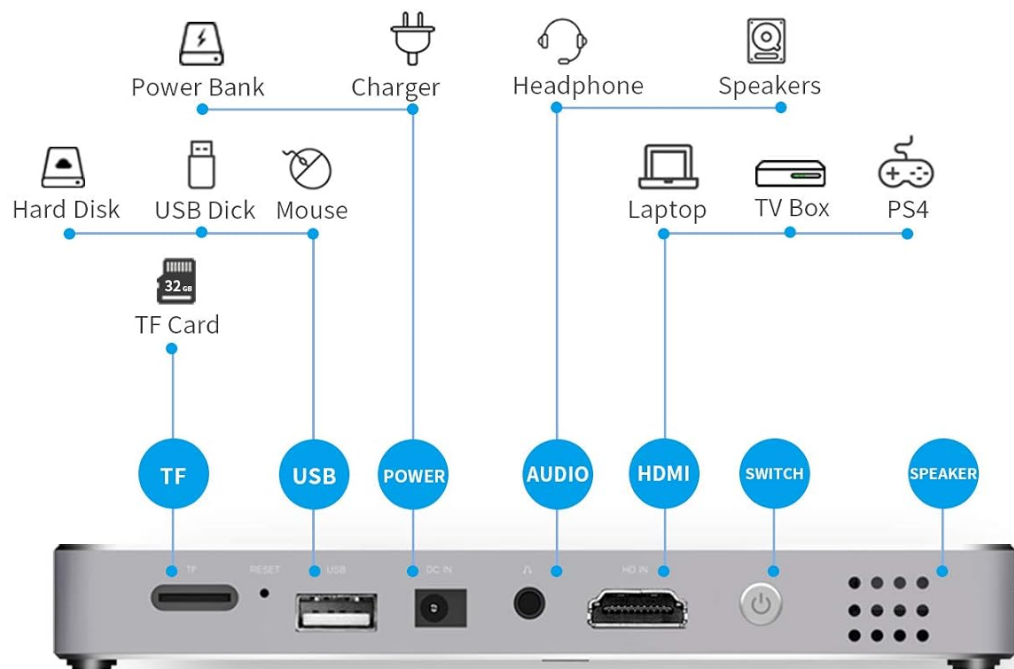
Contents of the TOUMEI C800 Mini Projector package, including the projector, remote control, power adapter, and a mini tripod.

2.2 Powering On

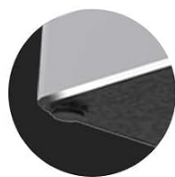
1. Connect the power adapter to the DC IN port on the projector.
2. Plug the power adapter into a wall outlet.
3. Press and hold the power button on the projector or remote control until the device powers on.

2.3 Connecting Devices

The C800 projector offers multiple connectivity options:



Infrared receiver



Non-slip feet



Pure copper radiator



Pure glass lens



Focus wheel

Detailed diagram of the TOUMEI C800 Mini Projector's ports and features, including TF card slot, USB, DC input, audio output, HDMI, power button, and focus wheel.

- **HDMI:** Connect laptops, gaming consoles, Blu-ray players, or TV boxes using an HDMI cable.
- **USB:** Insert USB flash drives or external hard drives to play media files directly.
- **TF Card:** Insert a TF (microSD) card for media playback.
- **Audio Out (3.5mm):** Connect external headphones or speakers.
- **Bluetooth:** Pair with external Bluetooth speakers, mice, or gamepads.
- **Wi-Fi:** Connect to a wireless network for online content and screen mirroring.



Camera



TV Box



PC/Laptop



Tripod



Smartphone



Games



Driver di USB



Amplifier

Visual representation of devices compatible with the TOUMEI C800 Mini Projector, such as cameras, TV boxes, laptops, smartphones, gaming consoles, USB drives, and amplifiers.

3. OPERATING INSTRUCTIONS

3.1 Basic Navigation

Use the provided remote control or the physical buttons on the projector to navigate the Android interface. The directional pad and 'OK' button are used for selection, while the 'Back' button returns to the previous screen.

3.2 Input Source Selection

From the home screen, select the desired input source (e.g., HDMI, USB, TF Card) to display content from connected devices. For Android applications, navigate to the app launcher.

3.3 Keystone Correction

If the projected image appears trapezoidal, use the keystone correction function to adjust it. The C800 supports automatic keystone correction and manual adjustment up to ± 45 degrees to achieve a rectangular image.

Keystone Correction Function & Screen Sharing

Keystone correction enables you to correct distorted image at any angles.

PC uses HDMI to share screen and Apple devices use AirPlay Mirroring.

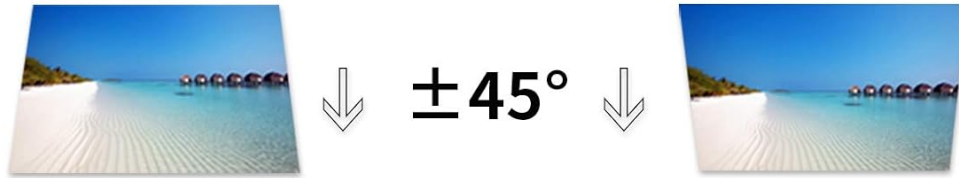


Illustration of the keystone correction function, allowing adjustment of distorted images up to ± 45 degrees, and demonstrating screen sharing capabilities via HDMI for PCs and AirPlay Mirroring for Apple devices.

3.4 Focus Adjustment

Rotate the focus wheel located on the side of the projector until the image appears sharp and clear on the projection surface.

3.5 Screen Sharing/Mirroring

The Android system supports various screen sharing protocols. For PC users, HDMI can be used. For Apple devices, AirPlay Mirroring is supported. Ensure both devices are connected to the same Wi-Fi network for wireless mirroring.

Make the game day more enjoyable



An example scenario showing the TOUMEI C800 Mini Projector being used to display a sports game, enhancing the viewing experience for a group.

4. MAINTENANCE

4.1 Cleaning

- **Lens:** Gently wipe the projector lens with a soft, lint-free cloth specifically designed for optical surfaces. Do not use abrasive cleaners.
- **Vents:** Periodically clean the ventilation openings to prevent dust buildup, which can affect performance and heat dissipation. Use a soft brush or compressed air.
- **Exterior:** Wipe the projector's exterior with a soft, damp cloth. Avoid harsh chemicals.

4.2 Lamp Life

The TOUMEI C800 utilizes an OSRAM LED lamp with an estimated life of 30,000 hours, significantly reducing the need for lamp replacement compared to traditional projectors.

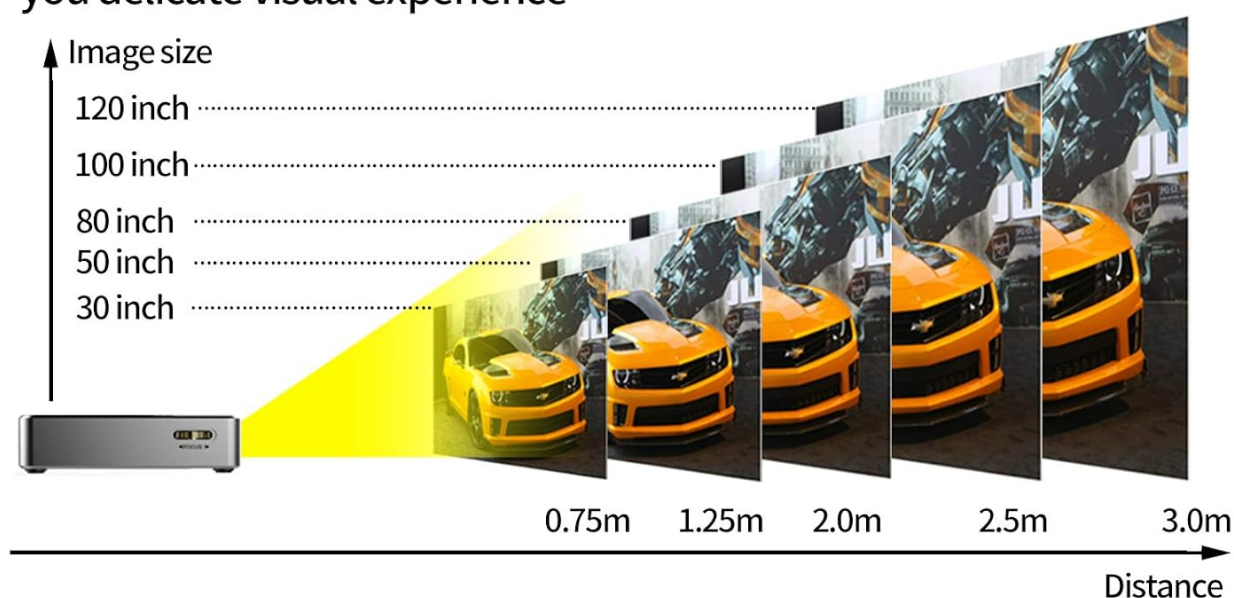
With 30000 hours lamp life,
you can get rid of getting a replacement lamp.



Std



1080P for display size of 30~120 inches within 0.75~3m brings
you delicate visual experience



Graphic illustrating the 30,000-hour lamp life of the projector and a projection distance chart showing optimal image sizes (30-120 inches) at various distances (0.75-3 meters).

5. TROUBLESHOOTING

If you encounter issues with your TOUMEI C800 Mini Projector, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No Power	Power adapter not connected; Power outlet issue; Low battery.	Ensure power adapter is securely connected and plugged into a working outlet. Charge the projector if using battery power.
No Image	Incorrect input source selected; Device not connected properly; Projector in standby mode.	Select the correct input source. Check HDMI/USB/TF card connections. Press power button to wake from standby.
Blurry Image	Focus not adjusted; Projector too close/far from screen; Keystone not corrected.	Adjust the focus wheel. Ensure projector is within optimal throw distance. Use keystone correction.
No Sound	Volume too low; Muted; External speakers not connected/configured.	Increase volume. Check mute settings. Ensure external speakers are properly connected or Bluetooth paired.
Remote Control Not Working	Batteries low/dead; Obstruction between remote and projector; Remote not paired (for 2.4G wireless).	Replace batteries. Ensure clear line of sight to IR receiver. Re-pair 2.4G wireless remote if applicable.

6. SPECIFICATIONS

Category	Specification
Display Type	DLP
Display Chip	TI 0.3 inch WVGA DMD*RGBLED (With Off-axis Ray Machine)
Brightness	2000 Lumens (100 ANSI Lumens)
Lamp	OSRAM LED Lamps (30,000 hours life)
Contrast Ratio	1000:1 (FOFO)
Standard Resolution	WVGA 854*480
Throw Ratio	1.4:1
Throw Range	30-120 inch
Throw Distance	1-3 Meter(s)
Aspect Ratio	4:3 / 16:9 / 16:10
Keystone Correction	Automatic and Manual ($\pm 45^\circ$)
Projection Methods	Front, Back, Ceiling
CPU	RK3128 Quad-Core ARM Cortex-A7 (up to 1.2GHz)
RAM	1GB DDR3

Category	Specification
ROM (FLASH)	8GB
Operating System	Android 7.1 (Customized)
Video Support	MPEG-1, MPEG-2, MPEG-4, H263, H264, H265, VC-1, RV 1080P VP8, Sorenson Spark
Audio Support	MP3, WMA, MP2, OGG, AAC, M4A, MA4, FLAC, APE, 3GP, WAV
Photo Support	JPG, PNG, BMP, etc.
Extended Memory	TF card (Max 32G), SSD Hard Disk, USB HOST 2.0
HDMI	HDMI 1.4 input
Bluetooth	BT 4.0
Wi-Fi	2.4G/5G Dual-band WIFI
Remote Control	IR and 2.4G wireless remote control
Power Input	DC 5V 3A
Total Power Consumption	10W
Battery	3.7V 4100mAh Lithium Polymer
Product Dimensions	158 x 80 x 18 mm
Net Weight	265g

7. WARRANTY AND SUPPORT

The TOUMEI C800 Mini Projector comes with a **6-month warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For technical support, troubleshooting assistance beyond this manual, or warranty claims, please contact TOUMEI customer service through the retailer where the product was purchased or refer to the official TOUMEI website for contact information.

Please retain your proof of purchase for warranty validation.