TOPTRO TR21

TOPTRO TR21 WiFi Bluetooth Projector User Manual

Model: TR21

1. INTRODUCTION

Thank you for choosing the TOPTRO TR21 WiFi Bluetooth Projector. This portable home video projector offers a high-quality viewing experience with support for 1080P resolution, 9500 lumens brightness, and a 200-inch display. It features wireless connectivity via WiFi for screen mirroring and Bluetooth 5.0 for enhanced audio output. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.

2. WHAT'S IN THE BOX

- TR21 Projector
- Lens Cover
- Remote Controller
- Power Cable
- 3 in 1 AV Cable
- HDMI Cable
- Cleaning Cloth
- User Manual

3. PRODUCT OVERVIEW AND FEATURES

The TOPTRO TR21 projector is designed for versatile home and outdoor entertainment, offering a range of features for an immersive viewing experience.

3.1 Main Unit

The main projector unit, showcasing its compact design and connectivity icons for Bluetooth and WiFi, along with a projected image and a mirroring smartphone.

3.2 Wireless Connectivity

WiFi Connection | No Need Cables Or HDMI Adapters

The projector supports wireless screen mirroring from mobile devices (iOS and Android) via WiFi, eliminating the need for additional cables or adapters.

3.3 Multiple Device Connection

Equipped with HDMI, USB, VGA, AV, and SD card ports, the TR21 can connect to a wide range of devices including PCs, TV Sticks, PS4, X-Box, speakers, and DVD players.

3.4 Focus and Keystone Correction

Focus

Manual ±15° Keystone Correction

±15°

Easily adjust image clarity using the focus wheel and correct distorted images with the manual ±15° keystone correction feature.

3.5 Zoom Function and Installation Types

Zoom Function
Between 75% and 100%

100%
75%

Installation Types:Front/Rear/Ceiling

The projector features a zoom function, allowing adjustment of the screen size between 75% and 100%. It supports front, rear, and ceiling installation types.

3.6 Bluetooth 5.0 Audio Output

Bluetooth 5.0 | Enjoy a Better Audio Experience

Bluetooth Function

Built with a Bluetooth 5.0 chip, the projector can connect to various Bluetooth speakers and headphones for an enhanced audio experience. Note: This function is for audio output only and cannot connect to phones/pads.

4. SETUP GUIDE

4.1 Initial Placement

Place the projector on a stable, flat surface or mount it according to your preferred installation type (front, rear, or ceiling). Ensure there is adequate ventilation around the projector.

4.2 Power Connection

Connect the provided power cable to the projector's power input and then to a power outlet.

4.3 Adjusting Image

After powering on, adjust the focus ring on the projector lens until the image appears clear. Use the keystone correction dial to correct any trapezoidal distortion, ensuring a rectangular image.

4.4 Connecting Devices

Choose your desired input source:

- **HDMI:** Connect an HDMI cable from your source device (e.g., laptop, TV stick, PS4) to the projector's HDMI port.
- **USB:** Insert a USB drive into the USB port to play media files directly.
- **VGA:** Connect a VGA cable from your computer to the projector's VGA port.
- **AV:** Use the 3-in-1 AV cable to connect older devices.
- **SD Card:** Insert an SD card into the designated slot.

4.5 Wireless Connection (WiFi Screen Mirroring)

1. Select the 'Screen Mirroring' or 'WiFi' input source on the projector.
2. Follow the on-screen instructions to connect your mobile device (smartphone or tablet) to the projector's WiFi network.
3. Enable screen mirroring/casting on your mobile device and select the projector from the list of available devices.

4.6 Bluetooth Audio Connection

1. Ensure your Bluetooth speaker or headphones are in pairing mode.
2. On the projector's menu, navigate to the Bluetooth settings.
3. Select your Bluetooth audio device from the list to pair.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press the power button on the projector or the remote control to turn the unit on or off.

5.2 Source Selection

Use the 'Source' button on the remote or projector to cycle through input options (HDMI, USB, VGA, AV, Screen Mirroring).

5.3 Menu Navigation

Use the arrow keys and 'OK' button on the remote to navigate the projector's on-screen menu for settings adjustments.

5.4 Zoom Function

Access the zoom function through the projector's menu to adjust the projected image size between 75% and 100% without moving the projector.

5.5 Audio Output

While the projector has a built-in speaker, for a richer audio experience, it is recommended to connect external speakers via the Bluetooth function or the 3.5mm audio output port.

6. Maintenance

6.1 Lamp Life

The TOPTRO TR21 utilizes advanced LED technology, providing an extended lamp life of up to 120,000 hours. This significantly reduces the need for lamp replacement.

6.2 Cooling System

The projector features an updated cooling system and noise suppression technology, ensuring efficient heat dissipation and reduced fan noise. To maintain optimal cooling, ensure the ventilation vents are not blocked.

6.3 Cleaning

- **Lens:** Use the provided cleaning cloth or a soft, lint-free cloth specifically designed for optical lenses. Do not use abrasive cleaners.
- **Exterior:** Wipe the projector's exterior with a soft, dry cloth. For stubborn marks, a slightly damp cloth can be used, followed by a dry wipe.
- **Vents:** Periodically check and gently clean the air vents to prevent dust buildup, which can impede airflow and cooling efficiency.

7. Troubleshooting

Problem	Possible Cause	Solution
No image / Blurry image	Incorrect focus, keystone, or input source.	Adjust the focus ring and keystone correction. Ensure the correct input source is selected. Check cable connections.
No sound or low volume	Volume too low, incorrect audio output, or external speaker issue.	Increase projector volume. Check if external speakers are connected and powered on. Ensure Bluetooth audio is correctly paired.
Wireless screen mirroring not working	Incorrect WiFi setup, device compatibility, or network issues.	Ensure both devices are on the same network. Restart the projector and mobile device. Some streaming services may block mirroring due to copyright. Consider using an HDMI connection for consistent performance.
Image too dim	Ambient light, projection distance.	For optimal brightness, use the projector in a dark room. Adjust projection distance as needed.
Fan noise is loud	Normal operation, blocked vents.	Some fan noise is normal for cooling. Ensure vents are not blocked and the projector has adequate space for airflow.
Audio delay with Bluetooth speaker	Bluetooth latency.	Try connecting the Bluetooth speaker directly to the source device if possible. Some Bluetooth speakers may have inherent latency.

8. SPECIFICATIONS

- **Model Number:** TR21
- **Product Dimensions:** 7.64 x 6.02 x 3.15 inches
- **Item Weight:** 2.2 pounds
- **Display Resolution:** 1280 x 720 (Native)
- **Brightness:** 9500 Lumens
- **Contrast Ratio:** 10000:1
- **Connectivity Technology:** VGA, Bluetooth, USB, HDMI
- **Special Features:** Built-In Speaker, Portable, Built-In Cooling System, WiFi, Bluetooth 5.0
- **Recommended Uses:** TV Stick, Outdoor, Home
- **Visible Screen Diagonal:** Up to 200 inches / 508 cm
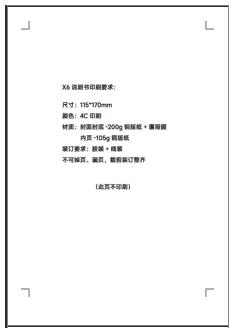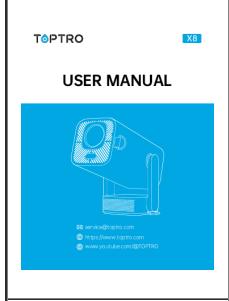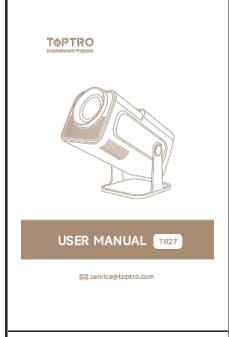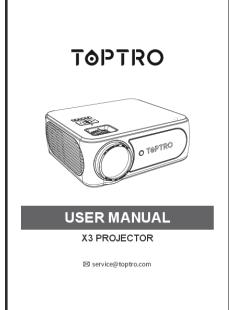
9. WARRANTY AND SUPPORT

TOPTRO offers a **three-year warranty** for the TR21 projector. Additionally, lifetime technical support is available. For any issues or inquiries, please contact TOPTRO customer support directly via the contact information provided in your product packaging or on the official TOPTRO website. Please have your model number (TR21) and purchase details ready when contacting support.

Related Documents - TR21

[TOPTRO TR25 Projector User Manual](#)
User manual for the TOPTRO TR25 projector, covering setup, operation, features like WiFi and Bluetooth connectivity, and troubleshooting.

[TOPTRO X7 Entertainment Projector User Manual](#)
Comprehensive user manual for the TOPTRO X7 Entertainment Projector, covering setup, operation, features, and troubleshooting. Learn how to connect devices, adjust settings, and optimize your viewing experience.

	[TOPTRO X6 User Manual: Setup, Features, and Troubleshooting](#) Comprehensive user manual for the TOPTRO X6 Entertainment Projector. Learn about installation, setup, wireless projection, system settings, and troubleshooting.
TOPTRO X8 **USER MANUAL** service@toptro.com https://www.toptro.com www.youtube.com/@TOPTRO	[TOPTRO X8 Projector User Manual: Setup, Features, and Support](#) Comprehensive guide for the TOPTRO X8 projector. Learn about setup, installation, projection settings, connectivity, multimedia, troubleshooting, and warranty. Optimize your TOPTRO X8 experience.
TOPTRO Entertainment Projector **USER MANUAL** TR27 service@toptro.com	[TOPTRO TR27 Entertainment Projector User Manual](#) Comprehensive user manual for the TOPTRO TR27 Entertainment Projector, detailing setup, operation, connectivity, and troubleshooting. Learn how to connect devices, adjust settings, and maximize your viewing experience.
TOPTRO **USER MANUAL** X3 PROJECTOR service@toptro.com	[TOPTRO X3 Projector User Manual: Setup, Features, and Troubleshooting](#) Comprehensive user manual for the TOPTRO X3 projector, covering setup, image adjustment, connectivity options, wireless casting, Bluetooth, troubleshooting, and warranty information from TOPTRO.

Documents - TOPTRO – TR21

TOPTRO TR21

Brief Introduction Beta 2.5	With the TR21, manufacturer TOPTRO offers an LCD LED projector with HDTV 1920 x 720 resolution and a contrast of 10000:1. Thanks to the LEDs, the projector is specified with 30000 hours of light life, which is over 20.5 years if enjoyed for four hours a day. As TOPTRO specifies the brightness of the projector in lumens, we have calculated an approximate ansi-lumen value in this case. An image width of up to 208 cm is possible, as the projector has 420 Ansi lumens. However, if there is room light, the picture should be a maximum of 139 cm wide. In addition, thanks to the Bluetooth function, the projector can be flexibly paired with other speakers. It is also Full HD 1080P compatible.
Display Type	1 x LCD TFT Panel HDTV 16/9 Liquid Crystal Display
Ansi-Lumen	420 / 7000 Lumen — 187 Lux (bei 200 cm Screen)
Contrast	10000:1 full on/off — 10000:1 full on/off
Black Level	0,0420 min. Lumen — 0,019 min. Lumen
Offset	
Resolution	HDTV 1920 x 720 1,382,400 Pixel
Video Modes	HDTV 1920 x 1080 compressed Pal, SECAM, NTSC, HDTV 720p, 1080i, 1080p, EDTV 480p, 576p
Application	Game-Portabel	Very portable, small-screen projections.
Light Source	Very narrow picture width and rooms with very little light.
Light Life	LED 30000 h.
Operating Costs	0,00 € LED
Focus	Powered
Zoom	No Zoom
Objective	-
Throw Ratio	-
Audio	Built-in loudspeaker
Connections	HDMI in USB in SD Karte Audio Mini Jack in und out Bluetooth 5.1
Ceiling Mounting	Yes, is possible.
Power	24W
Size WxHxD	190 x 80 x 150 mm (7,5"x3,1"x5,9") 2,28 L/dm³

Lux:187 Lux
Room light max.:37 Lux
Candela pro m²:58 cd/m²
Foot-Lamberts:17 fL
16/9 screen width:200 cm
Screen:1 Gain

[TOPTRO TR21 HDTV LCD Projector - Specifications and Features](#)

Discover the TOPTRO TR21, a versatile HDTV 1920x720 LCD LED projector offering 420 Ansi lumens, 10000:1 contrast, 30000 hours of lamp life, Wi-Fi, and Android connectivity. Ideal for portable and small-screen projections.

lang:en score:36 filesize: 396.71 K page_count: 2 document date: 2025-03-25

TOPTRO TR21

Kurzvorstellung Beta 2.5	Der TR21 LED LCD Projektor von TOPTRO hat 420 Ansi-Lumen einen Kontrast von 10000:1 und eine HDTV 1920 x 720 Auflösung. Die Lebensdauer beträgt durch die LEDs 30000 Stunden, was bei einem täglichen schauen von 4 Stunden über 20.5 Jahre wären. Da TOPTRO die Helligkeit des Projektors in Lumen angibt, haben wir einen ca. Ansi-Lumen Wert in dem Fall errechnet. Bis 208 cm Bildbreite kann der Projektor gut auskuchten durch die 420 Ansi-Lumen. Bei Raumlicht sollte die Bildbreite aber am besten unter 139 cm liegen. Als weiteres Extra ist zu erwähnen, dass durch die Bluetooth-Funktion der Projektor mit externen kabellosen Lautsprechern verbunden werden kann. Auch das Abspielen von 1080P ist für den Projektor kein Problem.
Projektionssystem	1 x LCD TFT Panel HDTV 16/9 Liquid Crystal Display
Ansi-Lumen	ca. 420 / 7000 Lumen — 187 Lux (bei 200 cm Leinwand)
Kontrast	10000:1 full on/off — 10000:1 full on/off
Schwarzwert	0,0420 min. Lumen — 0,019 min. Lumen
Offset	
Auflösung	HDTV 1920 x 720 1,382,400 Pixel
Wiedergabesignale	HDTV 1920 x 1080 komprimiert Pal, SECAM, NTSC, HDTV 720p, 1080i, 1080p, EDTV 480p, 576p
Einsatzgebiet	Game-Portabel	Sehr portable Kleinbild-Projektoren.
Lichtquelle	Sehr kleine Bildbreite und Räume mit sehr wenig Raumlicht.
Licht Lebensdauer	LED 30000 Std.
Betriebskosten	0,00 € da LED
Focus	motorisch
Zoom	Kein Zoom
Objektiv	-
Projektionsverhältnis	-
Audio	Ja
Anschlüsse	HDMI in USB in SD Karte Audio Mini Jack in und out

Lux:187 Lux
Raumlicht max.:37 Lux
Candela pro m²:58 cd/m²
Foot-Lamberts:17 fL
16/9 Leinwandbreite:200 cm
Leinwand :1 Gain

[pdf]

Prospekt deutsch HC TOPTRO Projektoren TR21 HDTV LCD Beamer toptrotr21 hc de projektoren datenbank |||

TOPTRO **TR21** TOPTRO **TR21** Leinwand Projektor Kurzvorstellung Beta 2.5 Projektionssystem Ansi-Lumen Kontrast Schwarzwert Offset Auflsung Wiedergabesignale Einsatzgebiet Lichtquelle Licht Lebensdauer Betriebskosten Der **TR21** LED LCD Projektor von TOPTRO hat 420 Ansi-Lumen einen Kontrast von 10000:1 un...

lang:de score:36 filesize: 402.56 K page_count: 2 document date: 2025-03-24
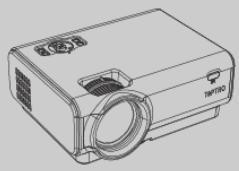
[pdf] User Manual

TOPTRO TR21   110x154mm 2022 11 17 Download MANUALS Toptro Projector Manual TR21 v 1713492956 cdn shopify s files 1 0798 3421 8772 |||

...

lang:de score:26 filesize: 18.59 M page_count: 131 document date: 2022-11-17