technaxx TX-177

Technaxx Full HD 1080p Projector TX-177 User Manual
Model: TX-177 (Item Model Number: 4971)

1. INTRODUCTION

The Technaxx Full HD 1080p Projector TX-177 is a versatile multimedia device designed for high-quality visual and audio experiences. This portable projector offers native 1080P resolution, an integrated 3W speaker, and a long LED lifetime, making it suitable for various applications including home cinema, gaming, and presentations. This manual provides essential information for setting up, operating, and maintaining your projector.

Image 1.1: Front view of the Technaxx Full HD 1080p Projector TX-177.

2. PACKAGE CONTENTS

Please check the box for the following items:

- Technaxx FullHD 1080p Projector TX-177
- AV signal cable
- Remote control (2x AAA batteries included)
- HDMI cable
- Power cable
- User manual (this document)

Image 2.1: All items included in the projector package.

3. PRODUCT FEATURES

The TX-177 projector is equipped with several features designed to enhance your viewing experience:

- **Native 1080P Resolution:** Delivers clear and sharp images for movies, games, and presentations.
- **Large Projection Size:** Capable of projecting images from 50 inches up to 200 inches.
- **Integrated 3W Speaker:** Provides basic audio output without the need for external speakers.
- **Manual Focus Adjustment:** Allows for precise image clarity.
- **Long LED Lifetime:** The LED light source has an estimated lifespan of 40,000 hours.
- **Multiple Connectivity Options:** Includes HDMI, VGA, USB, SD card, and AV inputs for broad device compatibility.

Image 3.1: Highlighting the 1080P resolution and 40,000-hour LED lifespan.

BUILT-IN SPEAKER

Equipped with an integrated 3-watt speaker, eliminating the need for external speakers for basic audio needs

Image 3.2: The integrated 3-watt speaker provides convenient audio.

Image 3.3: Overview of the projector's compatibility with various devices via multiple input ports.

4. SETUP

4.1 Placement

Place the projector on a stable, flat surface. Ensure there is adequate ventilation around the unit to prevent overheating. Position the projector directly in front of the screen or wall for the best image quality. The projection distance will determine the image size.

4.2 Power Connection

1. Connect the power cable to the projector's power input port.
2. Plug the other end of the power cable into a standard electrical outlet.

4.3 Connecting Devices

The TX-177 supports various input sources:

- **HDMI:** Connect Blu-ray players, game consoles, laptops, or streaming devices using an HDMI cable.
- **VGA:** Connect older computers or laptops using a VGA cable.
- **USB:** Insert USB drives for playing media files directly.
- **SD Card:** Insert an SD card for playing media files directly.
- **AV:** Use the included AV signal cable to connect devices with composite video and stereo audio outputs.

Image 4.1: Detailed view of the projector's various input ports.

4.4 Focus and Keystone Adjustment

After powering on, adjust the image for clarity and shape:

- **Focus:** Rotate the focus wheel near the lens until the image appears sharp and clear.
- **Keystone Correction:** If the image appears trapezoidal (wider at the top or bottom), use the keystone correction wheel to square the image.

Image 4.2: Focus and keystone adjustment wheels for image optimization.

Image 4.3: Labeled diagram of the projector's key adjustable components and ports.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- **To Power On:** Press the power button on the projector or the remote control. The indicator light will turn on.
- **To Power Off:** Press the power button again. The projector will enter standby mode. Always allow the projector to cool down before unplugging it.

5.2 Selecting Input Source

Use the 'Source' button on the remote control or the projector's control panel to cycle through available input sources (HDMI1, HDMI2, VGA, USB, SD, AV). Select the input corresponding to your connected device.

5.3 Menu Navigation

Use the arrow keys and 'OK' button on the remote control to navigate the on-screen display (OSD) menu. Here you can adjust settings such as picture mode, aspect ratio, sound settings, and more.

5.4 Audio Output

The projector has a built-in 3W speaker. For enhanced audio, you can connect external speakers or headphones to the projector's audio output port (3.5mm jack).

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your projector:

- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for optical lenses. Do not use abrasive cleaners or solvents.
- **Cleaning the Casing:** Wipe the projector's exterior with a soft, dry cloth. For stubborn marks, use a slightly damp cloth and then dry thoroughly.
- **Ventilation:** Ensure the ventilation vents are clear of dust and obstructions. Periodically clean them with a soft brush or compressed air.
- **LED Lamp Life:** The LED lamp is designed for 40,000 hours of use and does not require replacement under normal operating conditions.

7. TROUBLESHOOTING

If you encounter issues with your projector, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on screen	Incorrect input source selected Loose cable connection Device not powered on	Select the correct input source Check and secure all cable connections Ensure the connected device is powered on
Image is blurry	Focus not adjusted Projection distance too far/close	Adjust the focus wheel Move the projector closer or further from the screen
Image is trapezoidal	No keystone correction Projector not perpendicular to screen	Adjust the keystone correction wheel Reposition the projector to be directly in front of the screen
No sound	Volume too low Mute function active Audio cable not connected (for AV) External speakers not connected/powered	Increase volume Deactivate mute Ensure audio cables are properly connected Check external speaker connection and power
Remote control not working	Batteries are dead or incorrectly inserted Obstruction between remote and projector	Replace batteries (2x AAA) Ensure clear line of sight to the projector's IR receiver

8. SPECIFICATIONS

Feature	Specification
Model Number	TX-177 (4971)
Native Resolution	1920 x 1080 Pixels (Full HD 1080p)
Brightness	15,000 lm (lumens)
Projection Size	50" to 200" (127 cm to 508 cm)
LED Lifetime	40,000 hours
Integrated Speaker	3W

Feature	Specification
Input Ports	2x HDMI, VGA, USB, SD, AV
Product Dimensions	9.21 x 7.36 x 3.78 inches (23.4 x 18.7 x 9.6 cm)
Item Weight	4.07 pounds (1.85 kg)
Power Supply	AC 100-240V, 50/60Hz
Batteries (Remote)	2 AAA batteries (included)
Manufacturer	TECHNAXX DEUTSCHLAND GMBH

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official Technaxx website. You may also contact your retailer for assistance.