



Technaxx TX-113 Mini Beamer LED Projector User Manual

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TECHNAXX®

Technaxx TX-113 Mini Beamer LED Projector



User Support

The Declaration of Conformity for this device is under the Internet link: www.technaxx.de/ (in bottom bar "Konformitätserklärung"). Before using the device for the first time, please read the user manual carefully.

Service phone No. for technical support: 01805 012643 (14 cents/minute from German fixed-line and 42 cents/minute from mobile networks).

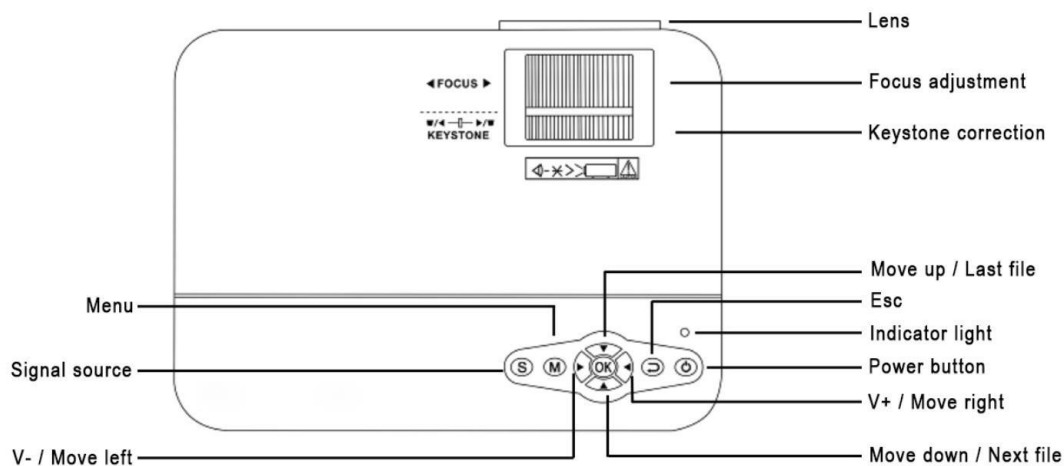
Free Email: support@technaxx.de Keep this user manual for future reference or product sharing carefully. Do the same with the original accessories for this product. In case of warranty, please contact the dealer or the store where you bought this product.

Warranty 2 years Enjoy your product * Share your experience and opinion on one of the well-known internet portals.

Features

- Mini projector with multimedia player
- Projection size from 32" to 176"
- Integrated 2 watts stereo speakers
- Manual focus adjustment
- Long LED lifetime 40,000 hours
- Connectable with Computer/Notebook, Tablet, Smartphone, and Gaming consoles via AV, VGA, or HDMI
- Playback of Video, Photo, and Audio Files from USB, MicroSD, or external hard disk
- Usable with Remote Control

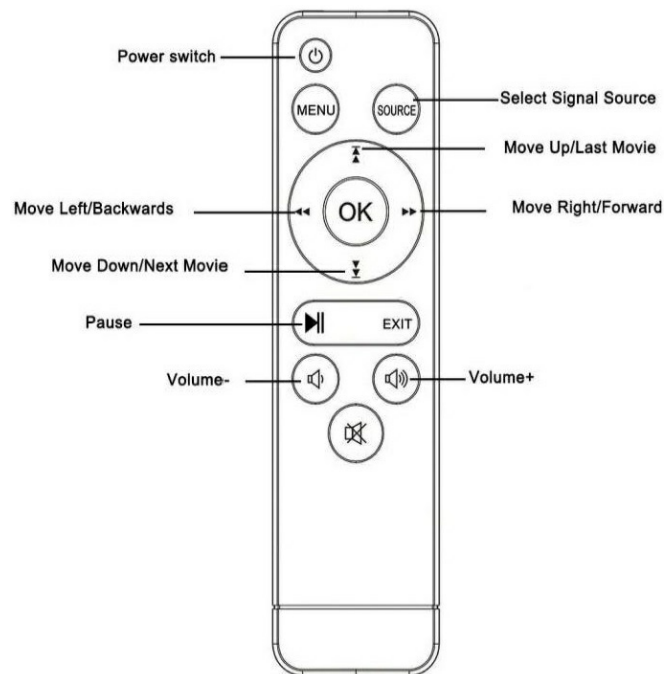
Product View & Functions



Menu	Move up / Last file
Signal source	Esc
V- / Move left	Indicator light
Lens	Power button
Focus adjustment	V+ / Move right
Keystone correction	Move down / Next file

- **Power button:** Press this button to shut on or off the device.
- **Volume plus and minus button:** Press the two buttons to increase or decrease volume. They can also be used in the menu as a selection and parameter adjustment.
- **Menu:** Bring up the main menu or exit system.
- **Arrow keys:** Move up, down, left, or right in the menu options.
- **Signal source:** Select the signal or an external video signal. It is also usable as a **“play”** button.
- **Lens:** Rotate the lens to adjust the image.
- **Air outlet:** Do not cover the air cooling openings during operation to avoid burns.

Remote Control & Functions



Power Switch	OK
Menu	Play / Pause
Select Signal Source	Exit
Move Up / Last File	Volume down
Move Left / Backwards	Volume up
Move Right / Forward	Mute
Move Down / Next File	

- Between the remote control and remote control receiving host window, do not put any items, In order to avoid blocking the signal.
- Point the remote control to the left side of the device or the projection screen, to receive the Infrared Radiation.
- Such as the long term when not in use take out the battery, and remote control to prevent battery leakage corrosion.
- Do not put the remote control in high temperature or damp places, in order to avoid damage.
- **Power on / Power off**
After the device gets power through the adapter, **it goes into stand-by status:**
 - Press the **POWER** button on the device or on the remote control to turn the on the device.
 - Press the **POWER** button again to turn off the device.
 - Pressing the **POWER** button once again can shut down the engine power. **TX-113** will stay on standby as long as it is connected to the power socket. If you do not use the device for a long time, take the power cord from the power socket.
- **Press the M button** on the device or the **MENU** button on the remote control, to show the **MENU** screen.
 - According to the remote control or the ◀ ▶ buttons on the projector you need to adjust or set level menu items, the menu of the selected icon will brighten.
 - According to the remote control or the ▲ ▼ buttons on the device in the lower menu choice you need to adjust the menu item.

- Then press the **OK** button on the remote control or the OK button on the device, to activate the selected icon menu at the secondary menu.
- Press the ◀ ▶ ▲ ▼ buttons, to adjust the parameter values for the selected menu item.
- **Repeat the second to fifth step to regulate other MENU items, or directly click the MENU or EXIT button to EXIT a single interface.**

- **Multimedia boot screen**

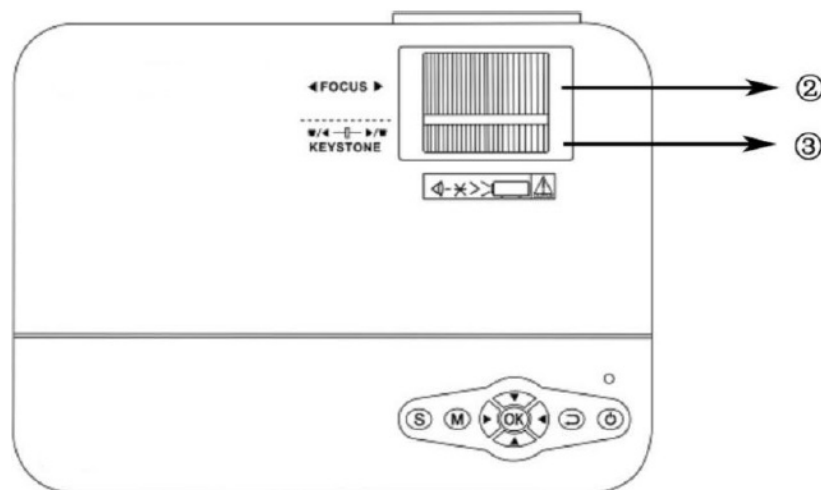
- When the projector starts working, the screen displays take about 10 seconds to come into the multimedia screen.

- **Focus & Keystone**

- Sometimes, the image projected on the wall looks like a trapeze rather than a square, causing distortion that needs to be avoided. You can adjust it with the keystone adjustment wheel
- (3) see the following picture.

- **Image focus**

- Put the device vertically to the projector screen or white wall. Adjust the focus with the focus adjustment wheel (2) until the image is clear enough. Then the focus is finished. During the focus, you could display a video or display the menu to check the adjustment
- see the following picture.



The device provides an optical keystone function, so you could turn the keystone to adjust the image. The device does not have a horizontal keystone correction function.

Multimedia connection

VGA input socket: the port can be connected to a computer or other VGA video signal output socket. Refer to the following

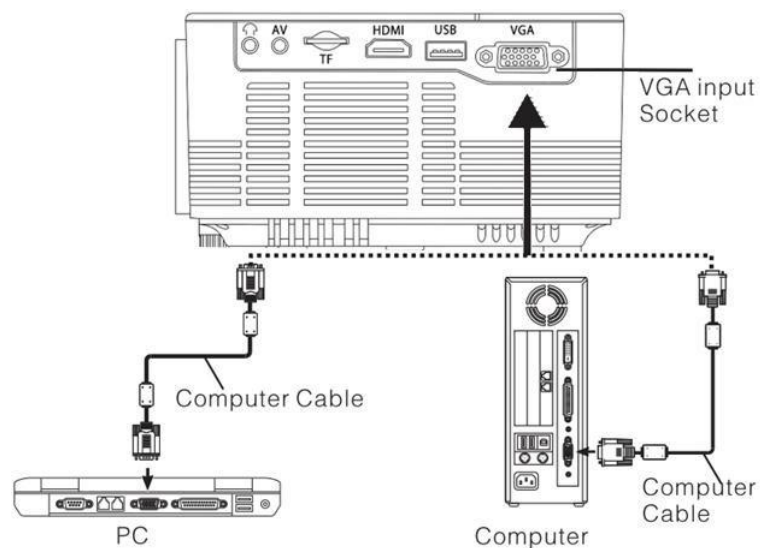
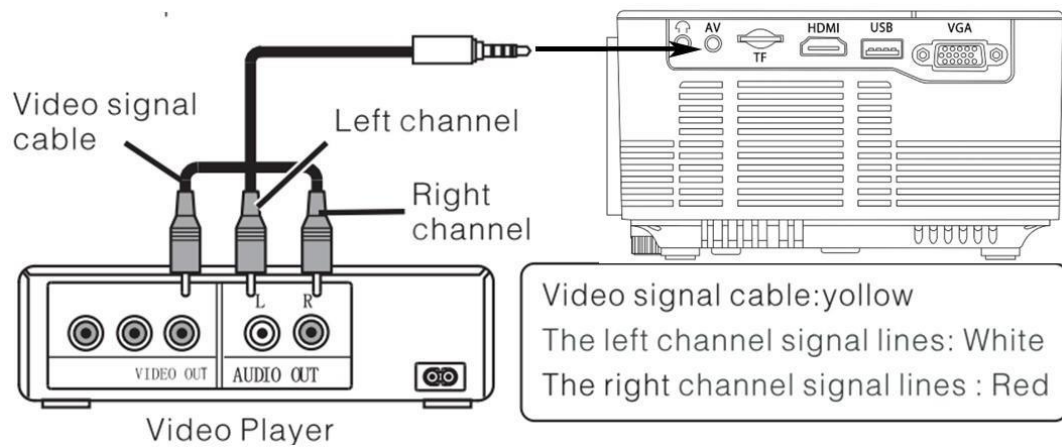


Table parameters to adjust the output signal of the computer (PC)

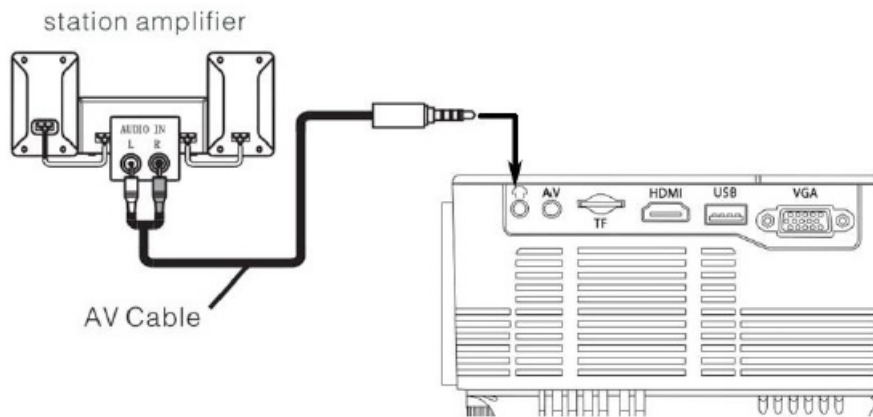
Frequency (kHz)	Field Frequency (Hz)
VGA Resolution 640 x 480	
31.5	60
34.7	70
37.9	72
37.5	75
SVGA Resolution 800 x 600	
31.4	50
35.1	56
37.9	60
46.6	70
48.1	72
46.9	75
XGA Resolution 1024 x 768	
40.3	50
48.4	60
56.5	70

NOTE: The device and connection of the laptop may not be able to display images at the same time, if that happens, set the computer display attributes, and select CRT output mode.

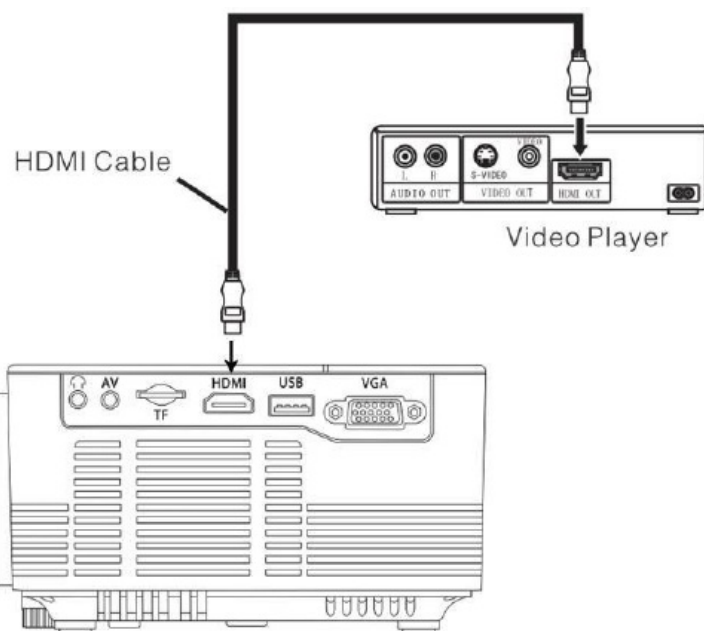
Video input socket: from now on the interface can be connected to the LD player, DVD players, video cameras, and video player (VIDEO) or audio output socket.



Audio output: Audio signal from the output port of the device, if you want to high-power play music input end connected to an external power amplifier.



HDMI signal input: this interface can be used with HD players. You have to connect the supplied HDMI cable from your player to the device.



Operation

Input source selection

- Selecting an input signal from the device: (Check that the correct signal cable is connected).
- Press the **S** button on the device or the **SOURCE** button on the remote control to display the right interface.
- Confirm whether correctly connected to the signal cable press **▲ ▼** buttons on the device or on the remote control to select the following input PC, AV, HDMI, SD/USB (DMP). Choose your needed input signal with the **OK** button.

Manually operation

Select the menu language

- Press the **M** button on the device or the **MENU** button on the remote control to enter the **MENU**.
- Press the **◀** or **▶** button to go to **OPTIONS**.
- Press the **OK** button on the device or on the remote control to enter the language option.
- Press the **▲ ▼** or **◀ ▶** buttons, to select the language you need and then press the **MENU** button to accept Settings and exit.

Set Clock Time

- Press the **M** button on the device or the **MENU** button on the remote control to enter the **MENU**.
- Press the **◀** or **▶** button to go to the **TIME** settings. Press **OK** on the device or on the remote control to enter the time settings. Now you can select the day, the month, the year, the hour, and the minutes with the **▲ ▼ ▶** buttons. Then press the **MENU** button to accept settings and exit.

Image model

- Press the **M** button on the device or the **MENU** button on the remote control to enter the **MENU**.
- Press the **OK** button to enter the **PICTURE** settings. Now you can choose with the **◀ ▶** buttons between **DEFAULT**, **SOFT**, **DYNAMIC**, and **PERSONAL** modes. Press the **M** button on the device or the **MENU** button on the remote control to exit the **PICTURE** settings.
- After completing the adjustment, press the **M** button on the device or the **MENU** button on the remote control to save settings and exit.

Color temperature

- Press the **▼** button to go to the **COLOR TEMPERATURE** settings. Now press the **OK** button to enter the **COLOR TEMPERATURE** settings.
- Press the **◀ ▶** buttons, to choose the settings you need to adjust and then press the buttons **▲ ▼** or **◀ ▶** to adjust the values of the parameters of the options (Normal → Warm → Persona → Cool).
- Press the **M** button on the device or the **MENU** button on the remote control to save settings and exit.

Aspect Ratio

- Press the **▼** button to go to the **ASPECT RATIO** settings. Now press the **OK** button to enter the **ASPECT RATIO** settings.

- Press the ▲ ▼ buttons to choose the parameters. You can choose between **AUTO**, 16:9, and 4:3. Now press the **OK** button to select the setting you need.
- Press the **M** button on the device or the **MENU** button on the remote control to save the settings and exit.

Noise cancel

- Press the ▲ ▼ buttons, to go to the **NOISE REDUCTION** settings. Then press the OK button to enter the **NOISE REDUCTION** settings.
- Press the ▲ ▼ buttons, to select the level of noise reduction, and then press the M button on the device or the **MENU** button on the remote control to save the settings and exit.

Image projection mode

Image flip → Press the **M** button on the device or the **MENU** button on the remote. Press ▲ ▼ to reach projection mode. Press the OK button to rotate the image.

Mute

Mute → Press the **Mute** button repeatedly to close or open the voice signal.

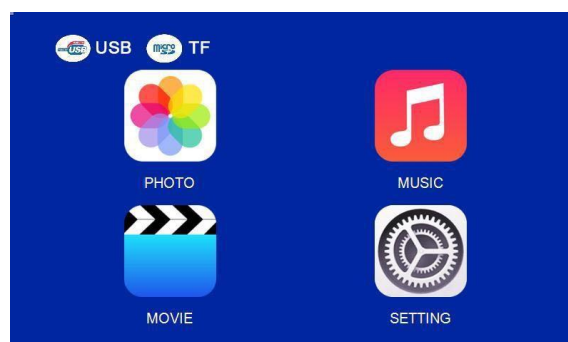
Sound

- Press the **M** button on the device or the **MENU** button on the remote control to enter the **MENU**.
- Press the ◀ ▶ buttons to go to the **SOUND** settings.
- Press the ▲ ▼ buttons to choose the items you need to adjust and then press the ◀ ▶ buttons to adjust the values of the single items. Press the **M** button on the device or the **MENU** button on the remote control to confirm and exit.

Auto Volume

- Press the **M** button on the device or the **MENU** button on the remote control to enter the **MENU**.
- Press the ▲ ▼ buttons, to select **AUTO VOLUME**.
- Then press the OK button repeatedly to turn off or on the **AUTO VOLUME** settings. Press the **M** button on the device or the **MENU** button on the remote control to confirm an exit.

Choose the content which you need to display: Video, Music, Photo, Text.



The projector supports HDMI, MHL, and iPush connection, you can connect your mobile devices and tablets with it.

- This product is NOT recommended for PPT, Word, Excel, or business presentations.
- To connect the mini projector with iPad or smartphone, you need a wireless HDMI adapter. For an Android phone which supports MHL, you need an MHL to HDMI cable; for iPhone/iPad, you need lightning (Lightning Digital AV Adapter) to HDMI adapter cable.
- To connect the mini video projector to the PC/Notebook, help adjust the PC/Notebook display resolution to 800×600 or 1024×768, which can provide the best clarity.
- **Note that it only provides a clear image in the dark room.**

Technical specifications

Projection technic	LCD TFT projection system / low noise / low light leaking	
Lens	Multichip composite coating optical lens	
Power supply	AC ~100V-240V 50/60Hz	
Projection size / distance	32"–176" / 1-5m	
Projector consumption / brightness	50W / 1800 Lumen	
Contrast ration / Display colours	2000:1 / 16.7M	
Lamp color temperature / lifetime	9000K / 40000 hours	
Correction	Optical $\pm 15^\circ$	
Using time	~24 hours continuously	
Audio frequency	2W + 2W	
Fan noise	Max. 54dB	
Signal ports	AV input (1. OVp-p $\pm 5\%$) VGA input (800×600@60Hz, 1024×768@60Hz) HDMI input (480i, 480p, 576i, 720p, 1080i, 1080p) Headphone Output	
Native resolution	800×480 pixel	
USB / MicroSD card / ext. harddisk format	Video: MPEG1, MPEG2, MPEG4, RM, AVI, RMVB, MOV, MKV, DIVX, VOB, M-JPEG Music: WMA, MP3, M4A(AAC) Photo: JPEG, BMP, PNG	
USB / MicroSD card	max. 128GB / max. 128GB	
External harddisk	max. 500GB	
Weight / Dimensions	1014g / (L) 20.4 x (W) 15.0 x (H) 8.6cm	
Packing contents	Technaxx® Mini LED Beamer TX-113, 1x AV signal cable, 1 x Remote control, 1x HDMI cabel, 1x Power cable, User Manual	
Compatible devices	Digital camera, TV box, PC/Notebook, Smartphone, Game console, USB-Device / MicroSD card, external harddisk, Amplifier.	

Hints

- Make sure you lay the cable in a way that the danger of stumbling is avoided.
- Never hold or carry the device by the power cable.

- Do not clamp or damage the power cable.
- Ensure that the power adapter does not come into contact with water, steam, or other liquids.
- You have to check the complete construction at regular intervals for functionality, tightness, and damage to prevent the defect of the device.
- Install the product due to this user manual and operate or maintain it in accordance with the manufacturer's operating instructions.
- Only use the product for purposes due to its intended function & only for household use.
- Do not damage the product. The following cases may damage the product: Incorrect voltage, accidents (including liquid or moisture), misuse or abuse of the product, faulty or improper installation, mains supply problems including power spikes or lightning damage, infestation by insects, tampering or modification of the product by persons other than authorized service personnel, exposure to abnormally corrosive materials, insertion of foreign objects into the unit, used with accessories not preapproved.
- Refer to and heed all warnings and precautions in the user manual.

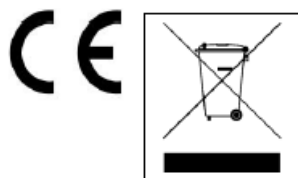
Safety instructions

- Use a standard power cord with ground wire, to ensure a stable power supply and the same power voltage as the product marking.
- Do not disassemble the product by yourself, otherwise, we will not provide free warranty service.
- Do not look into the lens when the projector is working, otherwise, it will damage your eyes easily.
- Do not cover the product's ventilation hole.
- Keep the product away from rain, moisture, water, or any other liquid as it is not waterproof. It may cause an electric shock.
- Turn off and cut off the power supply if not use the product for long time.
- Use the original packing when moving the product.

Hints for Environment Protection: Packages materials are raw materials and can be recycled. Do not dispose of old devices or batteries into domestic waste.

Cleaning: Protect the device from contamination and pollution. Avoid using rough, coarse-grained materials or solvents/aggressive cleaners. Wipe the cleaned device accurately.

Distributor: Technaxx Deutschland GmbH & Co.KG, Kruppstr. 105, 60388 Frankfurt a.M., Germany



FAQ's

What is the native resolution of the Technaxx TX-113 Mini Beamer LED Projector?

The native resolution of the TX-113 Mini Beamer LED Projector is typically 480p (640 x 480 pixels).

What is the maximum supported resolution for input sources?

The projector can support input sources with resolutions up to 1080p Full HD.

Does the projector have built-in speakers?

Yes, the Technaxx TX-113 Mini Beamer LED Projector comes with built-in speakers for audio playback.

Can I connect external speakers or headphones to the projector?

Yes, the projector usually has an audio output port where you can connect external speakers or headphones for enhanced audio.

What is the brightness rating of the projector in lumens?

The brightness rating of the TX-113 Mini Beamer LED Projector is typically around 100 ANSI lumens.

What is the maximum screen size it can project?

The projector can project a screen size ranging from around 30 inches to 100 inches, depending on the distance from the projection surface.

Does it support keystone correction?

Yes, the projector typically supports manual keystone correction to adjust the image's shape and proportions when projecting at an angle.

Can I connect my smartphone or tablet to the projector?

Yes, you can connect compatible smartphones or tablets to the projector using HDMI or wireless screen mirroring features (if supported).

Does the projector have a built-in media player for playing videos and images directly from USB storage?

Yes, the TX-113 Mini Beamer LED Projector often has a built-in media player that allows you to play videos and images directly from USB storage devices.

What are the available input ports on the projector?

The projector typically has HDMI, USB, AV (RCA), and SD card slots as input ports.

Can I use the projector with a tripod stand?

Yes, the Technaxx TX-113 Mini Beamer LED Projector is often compatible with standard tripod stands, allowing for stable projection.

Is it suitable for outdoor use?

While the TX-113 Mini Beamer LED Projector can be used outdoors, its brightness might not be sufficient for well-lit outdoor environments. It is more suitable for darker or dimly lit outdoor settings or indoor use.

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Manuals+.