

NOVA Pro User Manual

NOVA **Pro**



Document Version

This is the latest user manual for **NOVA Pro**. If you are looking another version, please advise the following table.

Model	Version	Comment
NOVA Pro	1.0	This document.

Safety Instructions

Read and understand all instructions before you use this device. Do not make any changes or settings that are not described in this manual. If physical injury, loss of data or damage is caused by failure to follow instructions, the warranty does not apply.

General

- This product is intended for use by adults (18+ years of age). Do not allow children under the age of eighteen (18) to handle the device without supervision.
- To reduce the risk of fire and/or electric shock, do not expose the device to rain or moisture, and objects filled with liquids, such as vases, should not be placed on the device.
- Do not place the device on soft surfaces such as tablecloths or carpets as doing so could be a fire-hazard.
- Do not place the device in areas susceptible to excessive dust and dirt or near any appliance generating a strong magnetic field.
- To prevent overheating, do not block or clog the ventilation openings.
- Never place the device in a confined space. Always leave enough space around the device for ventilation.
- Protect the device against direct sunlight, heat, large temperature fluctuations and moisture.
- If the device runs for a long period of time, and the surface becomes hot, shut it down and unplug the power cord. Resume operation only after the device has cooled.
- Always handle the device with care. Avoid touching the lens.
- Never place heavy or sharp objects on the device or the power cord.
- To avoid electric shock, do not disassemble.
- Only use attachments or accessories specified by the manufacturer (Piczo).
- Avoid extreme vibration. It may damage the internal components.
- Under the following conditions, a layer of moisture can appear inside the device which can lead to malfunctions: a) if the device is moved from a cold to a warm area; b) after a cold room is heated; c) when the device is placed in a damp room. To avoid any moisture, seal the device in a plastic bag before moving it to another room, and wait for one to two hours before you take it out of the bag.

Power Supply

- Use only the provided power adapter.
- Power off the device before removing the power supply from the socket.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from this device.
- Unplug this device if there are lightning storms or when unused for a long period of time.
- Where the power plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- Before you make or change any connections, ensure that all devices are disconnected from the power outlet.
- Never touch the power cable or the power connector with wet hands.

Hearing Safety

- To avoid hearing damage, do not listen for extended periods at high volume. Set the volume at a safe level.

Battery

- Do not replace the device's built-in battery yourself. For more information on battery replacement, contact the manufacturer (Piczo), or the store where you bought this product.
- Charge the projector regularly. Do not store the projector with a completely discharged battery.
- The remote control contains small batteries which can be swallowed. Keep the batteries out of reach of children.
- Risk of explosion! Keep the remote control batteries away from heat, direct sunlight, or fire. Never discard batteries in fire.
- When the remote control is not used for a long period of time, remove the batteries.
- There is a danger of explosion if the remote control batteries are incorrectly replaced. Replace only with the same or equivalent type.
- All batteries contain chemical substances, they should always be disposed of properly.

Cleaning

- Power off the device and remove it from the power supply before cleaning the surface.
- Use a soft, lint-free cloth. Never use liquid, gaseous, or easily flammable cleansers (like sprays, abrasives, polishes, and alcohol).
- Do not use any liquid cleaning agents to clean the lens as they may damage the protective coating on the lens.
- Wipe over the surfaces gently. Be careful that you do not scratch the surfaces.
- Use lens cleaning paper to clean the lens of the projector.

Repairs

- Do not make any repairs to the device yourself. For more information on repairs, contact the manufacturer (Piczo), or the store where you bought this product.
- Improper maintenance can result in injuries or damage to the device.
- Refer all servicing to qualified service personnel.

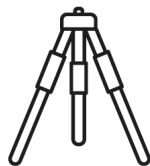
CAUTION:

- Possibly hazardous optical radiation emitted from this device.
- Do not stare at operating beam. The bright light may hurt your eyes.

Package Contents



Projector



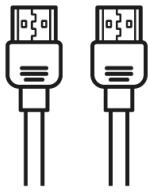
Mini Tripod



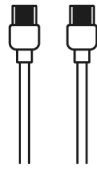
Power Adapter



Power Plug (EU)



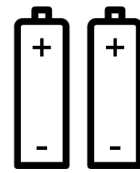
HDMI Cable



USB-C Cable



Remote Control
with Gyro

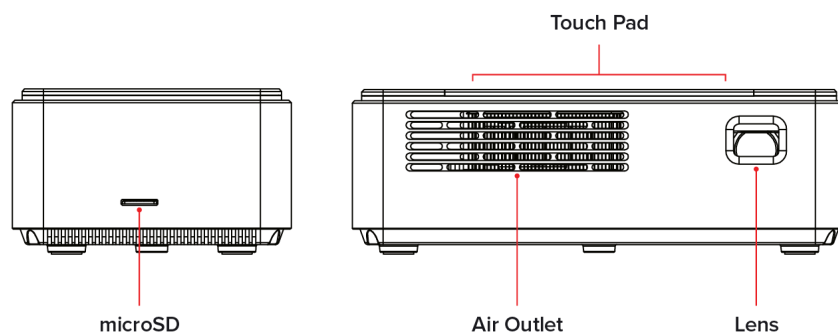


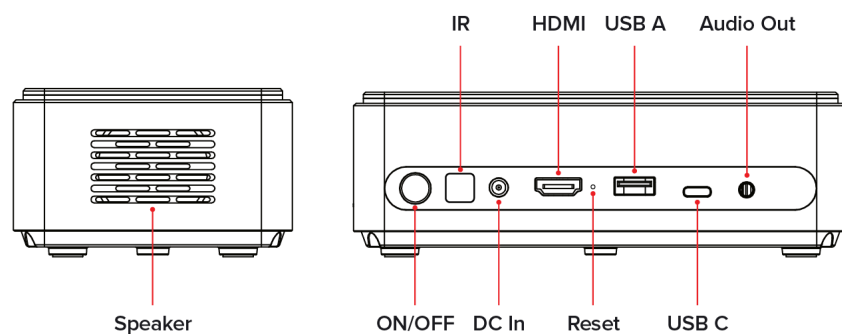
Batteries (AAA)



Quick Start Guide

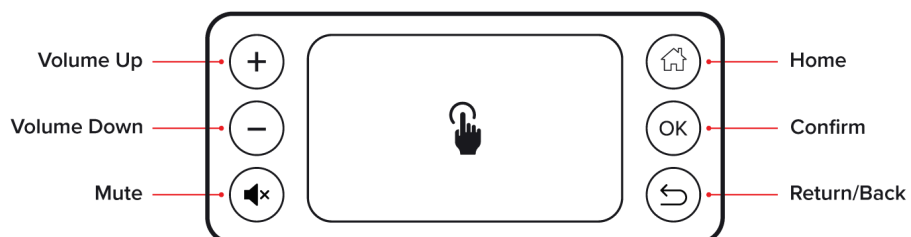
Projector





Touchpad

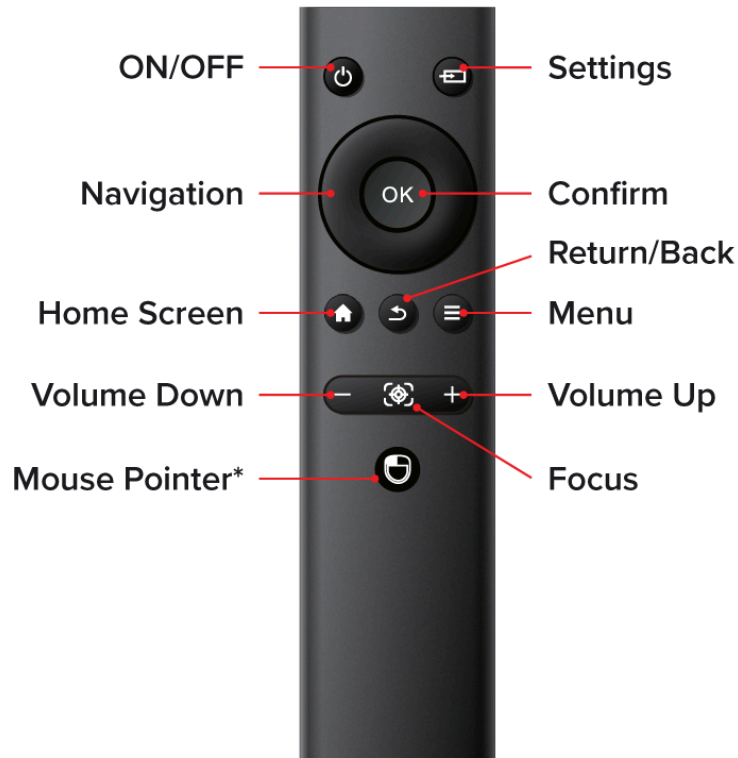
The touchpad is located on top of the projector.



Please note:

- Use **one finger** on the center of the touchpad to move the Mouse Pointer.
- Double tap with **one finger** to Confirm (OK).
- Use **two fingers** on the center of the touchpad to scroll up and down.

Remote Control with Gyro



*Hold this button to activate the **Mouse Pointer**. The remote control must be paired via **Settings > Remotes & Accessories** before use of this function.

Please note:

- The remote control comes with two (2) included **AAA 1.5 V batteries** in the original package. Make sure these are inserted properly into the remote control before use. If replacement batteries are needed, please use the same type of battery.

How to insert batteries into the remote control:

Slide the battery compartment underneath the remote control in the direction indicated by the arrow to open it. Insert two (2) AAA 1.5 V batteries matching the indicated polarity (+/-), and slide the compartment back into place to close it.

Getting Started & Basic Instructions

Charging

The projector can be powered by the included Power Adapter or the internal rechargeable battery. To obtain maximum battery life, it is highly suggested that you charge the battery for at least four (4) hours the first time.

How to perform a first-time charge:

Ensure the projector is turned off, then connect it to the Power Adapter. Connect the Power Adapter and the Power Plug (EU). Insert the Power Plug (EU) into a wall outlet and charge the battery for four (4) hours. First-time charge completed. The projector is now ready for use.

Power ON/OFF

Press and hold the **ON/OFF** button on the projector for three (3) seconds to turn off the projector.

Auto Focus

Auto Focus is enabled by default. This feature will auto focus the picture on the projected surface. Navigate to **Settings > Projector > Auto focus** to enable/disable Auto Focus.

Please note:

- Ensure that you are projecting on a flat surface. Projecting on uneven surfaces might cause the Auto Focus feature to produce bad results or fail completely.

Keystone Correction

Keystone Correction enables a skew projection of the output image. Navigate to **Settings > Projector > Four-point keystone** to configure Keystone Correction.

Resizing Projection Screen

The projection screen size is related to the distance from the projector to the surface on which the display is being projected onto, also known as throw distance. Please refer to the following table for the relationship between throw distance and screen size.

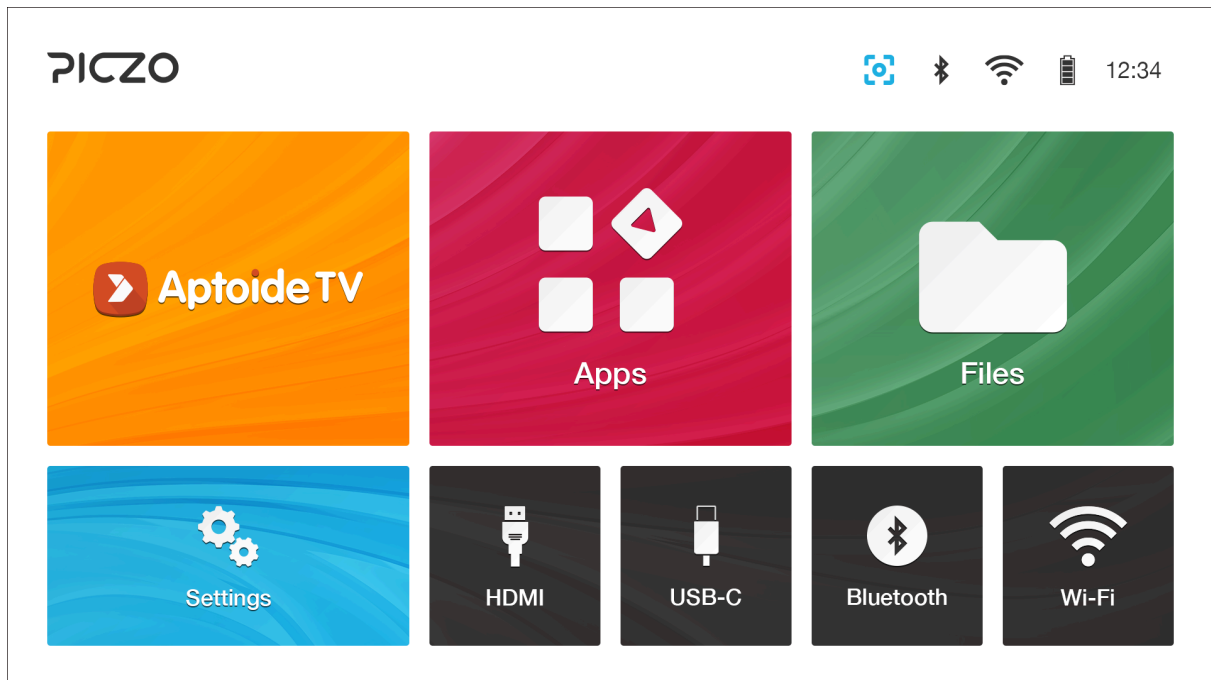
Screen Size	Throw Distance
7"	18 cm
38"	1 m
56"	1.5 m
100"	2.5 m
200"	4.5 m

Please note:

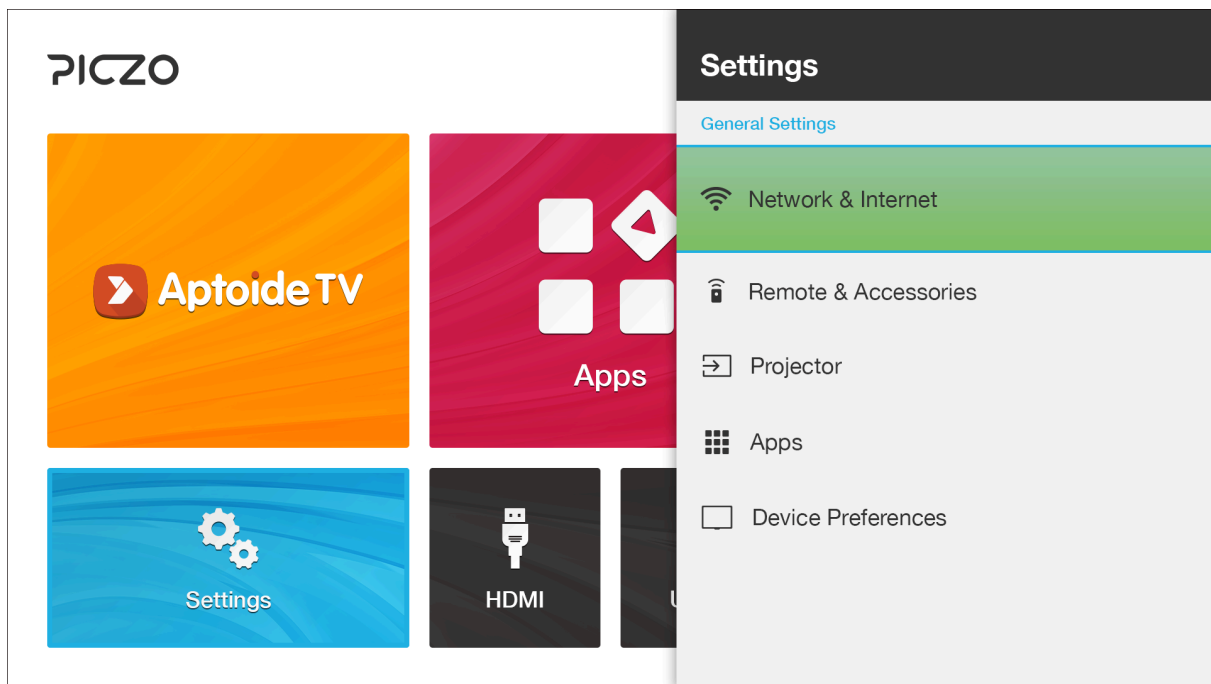
- The measured values are estimated for reference only.

User Interface

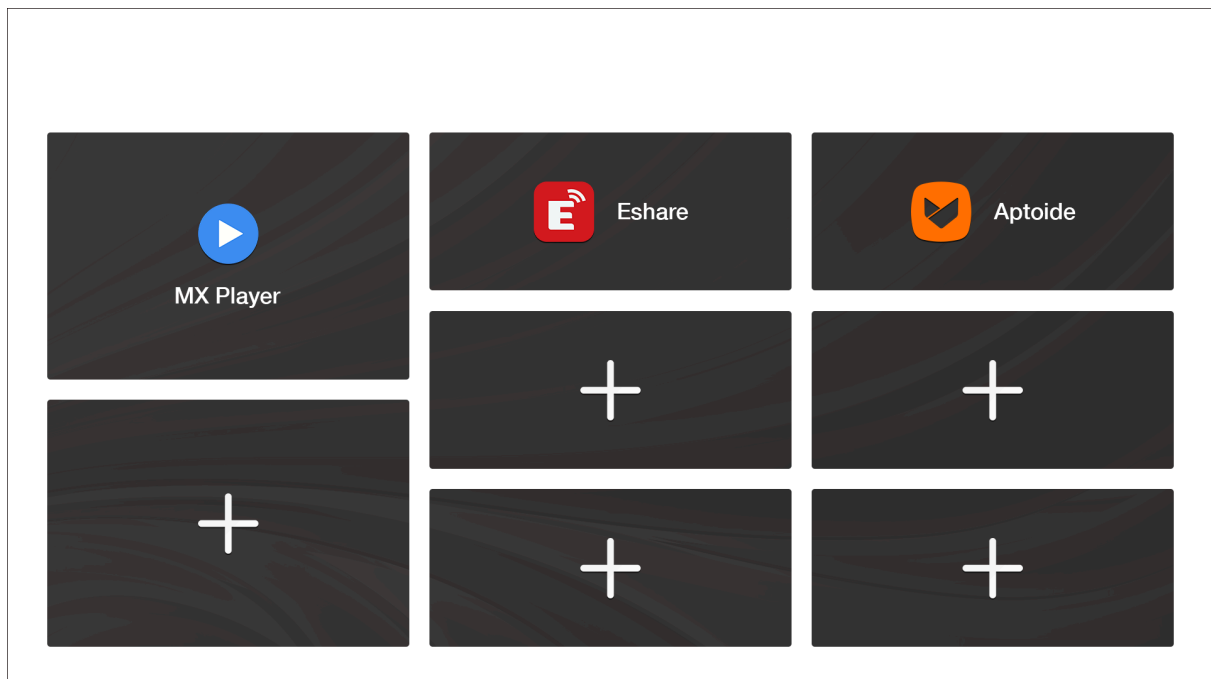
Home Screen



Settings Menu



App Shortcuts



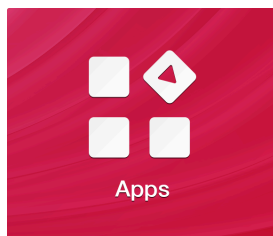
Home Screen

Please refer to the following descriptions for information about the **Home Screen** icons.



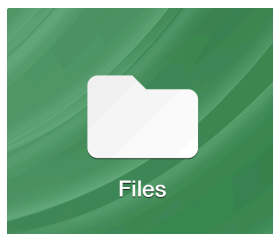
Aptoide TV

A free, alternative app store with no restrictions. All apps are free. 2500+ apps available.



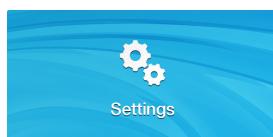
Apps

Access all installed apps on the projector.



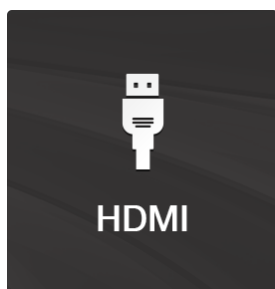
Files

Access all files available on the projector and browse connected memory devices.



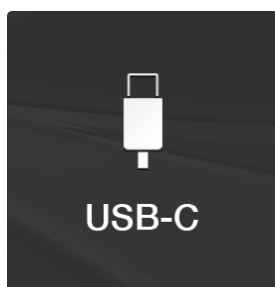
Settings

Access all settings for the projector.



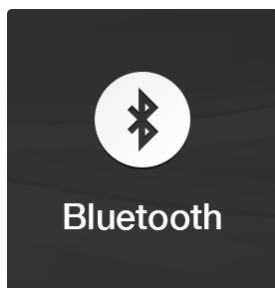
HDMI

Activate HDMI source connected to the projector.



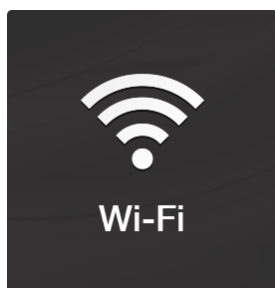
USB-C

Activate USB-C source connected to the projector.



Bluetooth

Quick access to Bluetooth settings.



Wi-Fi

Quick access to Wi-Fi settings.

Status Icons

Please refer to the following descriptions for information about the **Status Icons**, found on the **Home Screen** in the top right corner.



Auto Focus

Indicates Auto Focus on/off.



Bluetooth

Indicates Bluetooth device(s) connected or not.



Wi-Fi

Indicates Wi-Fi connection and signal strength.



Battery

Indicates battery status and battery level.

Status Icon: Battery

Please refer to the following descriptions for information about the battery status and battery level indicator.



Battery is fully charged.



The battery level is between 75-99%.



The battery level is between 50-75%.



The battery level is between 25-50%.



The battery level is between 1-25%.



Battery is charging.

Input Sources

There are 3 sources of input: **wireless display**, **wired display** and **memory device**.

Wireless Display

Wirelessly project the display from any supported device by connecting the device to the same Wi-Fi network as the projector and use the following instructions depending on device and operating system.

iPhone/iPad

1. Connect your device to the same Wi-Fi network as the projector.
2. Find and play the video that you want to stream.
3. Tap AirPlay . In some apps, you might need to tap a different button first. For example, in the Photos app, tap Share , then tap AirPlay . For the YouTube app, tap Cast , then tap AirPlay and Bluetooth devices .
4. Choose "EShare-XXXX" from the list.

To stop streaming, tap AirPlay  in the app that you're streaming from, then tap your iPhone or iPad from the list.

If you want to use **Screen Mirroring** on **iPhone/iPad** instead, follow these steps.

1. Connect your iPhone or iPad to the same Wi-Fi network as the projector.
2. Open Control Center:
 - a) On iPhone X or later or iPad with iPadOS 13 or later: Swipe down from the upper-right corner of the screen.
 - b) On iPhone 8 or earlier or iOS 11 or earlier: Swipe up from the bottom edge of the screen.
3. Tap Screen Mirroring .
4. Choose "EShare-XXXX" from the list.
5. If asked, enter the presented code on your iPhone or iPad.

To stop mirroring your iPhone or iPad, open Control Center, tap Screen Mirroring , then tap Stop Mirroring.

Mac

1. Connect your Mac to the same Wi-Fi network as the projector.
2. Click Control Centre  in the menu bar (top-right), click the Screen Mirroring icon , then choose "EShare-XXXX" from the list.
3. If asked, enter the presented code on your Mac.
4. To set whether your desktop mirrors or extends your Mac screen, click the Screen Mirroring icon , then choose Mirror Built-in Display or Use As Separate Display.

To stop mirroring your Mac, click Control Center , click Screen Mirroring , then click "EShare-XXXX".

Windows

1. Navigate to **Home Screen > Apps** in the projector user interface and open the **EShare** app.
2. Open a web browser on your PC and navigate to the presented URL: "http://XXX.XXX.X.XX:XXXX".
3. Choose "Eshare for Windows" from the list.
4. Save the file "Eshare.exe" to desired location on your PC. Refresh the page if the download does not start or if presented with a page error.
5. Locate and open the file "EShare.exe". If asked, check "Public networks", then click Allow access.
6. Choose "EShare-XXXX" from the list, then click Share Screen.

To stop mirroring your PC, open the EShare app from the taskbar and click Stop Sharing.

Android

1. Connect your Android device to the same Wi-Fi network as the projector.
2. Open the app drawer or Settings menu:
 - a. On Samsung devices: find and disable Dex.
 - b. On other devices: find and disable any extension functionality.
3. Open the **Wi-Fi Display** app on the projector by navigating to **Home Screen > Apps**.
4. Open the app drawer or Settings menu:
 - a. On Samsung devices: find and tap Smart View, accept any security prompt, choose "NOVA PRO" from the list, then tap Start now.
 - b. On other devices: find and activate Cast/Screen Mirroring/Wireless Display, accept any security prompt, choose "NOVA PRO" from the list, then confirm the action.

To stop casting your device, find and disable Smart View/Cast/Screen Mirroring/Wireless Display.

Wired Display: HDMI

Project the display from any device supporting HDMI screen sharing by first selecting **HDMI** source from the **Home Screen**, and then connecting the device via an HDMI cable.

Please note:

- The projector supports a 4K HDMI input source at 60 Hz.

Wired Display: USB-C

Project the display from any device supporting USB-C screen sharing by first selecting **USB-C** source from the **Home Screen**, and then connecting the device via a USB-C cable with data transfer support.

Please note:

- The projector supports a 4K USB-C input source at 60 Hz.

Memory Device: microSD Card

Access the memory device content via **Home Screen > Files**, or via the user interface prompt shown when inserting the card.

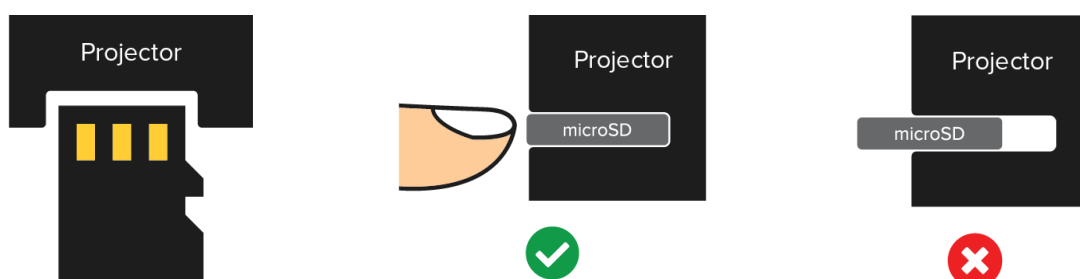
Please note:

- The projector supports microSD cards up to 64 GB for NTFS and up to 32 GB for FAT32.
- Make sure to insert the microSD card the correct way to playback and view content. The microSD card should gently be inserted all the way inside the card slot, leaving the microSD card flush with the surface of the projector.
- Do not use any type of adapter with your microSD card.

How to insert a microSD card into the projector:

Ensure the contact pads on the microSD card is facing up towards the top of the projector, then use the tip of a fingernail to gently push the microSD card in place with a forwards and down motion into the slot. You should hear a slight clicking sound when the microSD card is properly inserted. A properly

inserted microSD card should not fall out if the projector is moved. If this is the case, repeat the process until the microSD card is inserted properly.



How to eject a microSD card:

Use the tip of a fingernail to gently push the microSD card inwards to release and eject. You should hear a slight clicking sound when the microSD card is released from the slot. Now it is safe to remove the microSD card.

Memory Device: USB Storage Device

Connect a USB 2.0 compatible storage device to playback and view content. Access the memory device content via **Home Screen > Files**, or via the user interface prompt shown when connecting the storage device.

Please note:

- Some USB storage devices require external power to operate properly.
- The projector supports USB 2.0 storage devices formatted to NTFS and FAT32 with full support for max file size and max hard drive size.

Technical Specifications

Native Resolution	960*540 (FWVGA)
Compatible Resolution	Up to 4K
Display Technology	DMD DLP with 3D Support
Light Source	RGB LED OSRAM
Focus	Autofocus, Manual
Brightness (ANSI)	500 Lumens
Contrast	3000:1
Power Supply	DC 12 V, 4 A
Power	36 W
Built-in Speaker	8 Ω , 5 W
Input	USB-C, USB 2.0, HDMI, microSD
Output	3.5 mm Audio Out
Battery	Li-Polymer 10,000 mAh
Dimensions	160 × 90 × 50 mm (W x D x H)
Net Weight	630 g
LED Life Expectancy	>30,000 Hours
Supported Video File Formats	DAT, FLV, MKV, MOV, MP4, MPG, RM, TRP, TS, WMB, RMVB
Supported Audio File Formats	AAC, FLAC, M4A, OGG, MP3, WAV, WMA
Supported Image File Formats	PNG, BMP, JPEG, JPG

Operating Temperature & Adapter Information

The suitable temperature range for the projector is -10–35°C / 14–95°F. The adapter is for indoor use only. The adapter is rated with an output voltage/current of 12V DC / 4A.

ANSI Testing Notice

ANSI brightness and performance metrics are measured in-house by our manufacturer in China. This is not an independent third-party verification; results may vary under different conditions.

Digital Rights Management (DRM) Notice

DRM restrictions from some streaming services prevent streaming or mirroring some copyrighted content to this projector, wirelessly or wired. This is a licensing limitation, not a hardware issue.

Regulatory Information

EU Declaration of Conformity



Swede Invent AB, registered in Sweden, hereby declares that this device complies with the essential requirements and other relevant provisions of Directive 2014/53/EU (Radio Equipment Directive). The full EU Declaration of Conformity is available at www.piczo.se/manualer

RF Exposure Information

Projector

The Maximum Permissible Exposure (MPE) level has been calculated based on a distance of $d=20$ cm between the device and the human body. To maintain compliance with RF exposure requirements, maintain a 20 cm distance between the device and the human body.

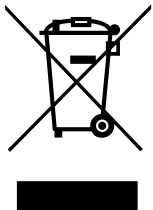
Remote Control

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure conditions without restriction.

Recycling



This product and/or its packaging is made using high-quality materials and components that can be recycled or reused.



The product must not be discarded as household waste, and should be delivered to an appropriate collection facility for recycling. Proper disposal and recycling help protect natural resources, human health and the environment. For more information on disposal and recycling of this product, contact the manufacturer (Piczo), or the store where you bought this product.

Child Safety



WARNING! Not suitable for children under the age of 3. Contains small parts that may cause choking.

Manufacturer / Importer (EU Responsible Party)

Manufacturer: Swede Invent AB, registered in Sweden.

Manufacturer Address: Säterivägen 16, 65341 Karlstad, Sweden.

Country of Origin: Made in China.

Traceability Info: Tracked and documented in internal records.

Contact (EU matters only): eu@piczo.se

Warranty

30-Day Money-Back Guarantee for Any Reason

You may return your undamaged product in its original packaging within 30 days of receiving the item for a full refund, regardless of the reason. If the return is not due to a defect in materials or workmanship, the customer is responsible for return shipping costs.

24-Month Warranty for Material and Workmanship Defects

Piczo's products are warranted to be free from material and workmanship defects for 24 months from the date of delivery. Within this period, Piczo will provide a replacement and cover any return shipping costs for products that fail during normal use.

Please note:

Any provided shipping label must be used within 10 days from the date they're issued by Piczo.

Trademarks

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