

Local Control

Broomx Local Control is the tool that allows you to manage the Broomx projector (MK1, MK2, MK360) offline, without needing a wired Internet connection. Its main function is to control, play, and select the contents that have been previously included in a playlist (called a "session") and are already downloaded to the projector via the [Broomx platform](#).

To access the control interface, simply follow these two steps:

1. **Connection to the device's Wi-Fi network:**

The first step is to connect the control device (preferably a mobile phone or tablet) to the Wi-Fi network emitted by the MK projector itself.

Network name (Wi-Fi): **MK#**

Password: **broomxnet**

2. **Access from the browser:**

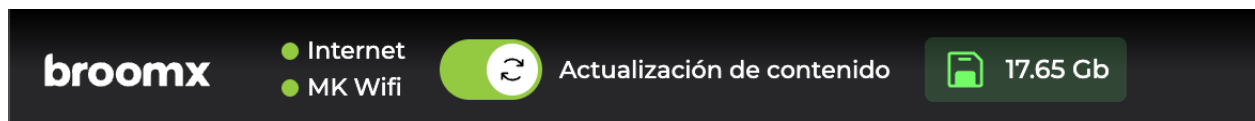
Once the device is connected to the network, open your regular web browser and enter the following link: <http://192.168.12.1> or <http://broomx.control>

Upon loading this page, the Local Control interface will automatically open.

THE LOCAL CONTROL INTERFACE

The top menu of the interface is divided into two main parts: status information (on the left) and navigation (on the right).

Left Menu: Status Information

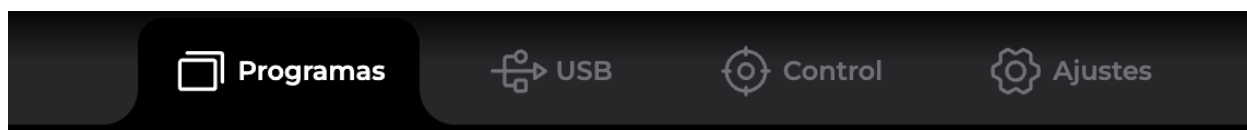


This section provides key information about the projector's status:

- **Connection status:** The leftmost column indicates the current connection.

- A green dot next to *MK Wifi* means the connection to the projector's network is successful.
 - A red dot next to *MK Wifi* means the projector is not connected to the network, and consequently, Local Control cannot be accessed.
 - A green dot next to *Internet* means the projector is receiving a wired Internet connection, allowing the use of applications that require the Internet to function.
 - A red dot next to *Internet* means the projector is not connected to the network via cable, and consequently, applications requiring the Internet cannot be used.
- **Automatic update:** A switch indicates whether automatic content updating is enabled. If it is, when the system detects new content linked to the projector, it will automatically begin downloading (requires a wired Internet connection). This section also informs you about what content is being downloaded and the estimated time to finish the download.
 - **Free storage:** Shows the available space on the projector. If the indicator shows **0 GB**, it means no more content can be downloaded. In this case, content from sessions that are no longer used should be deleted to allow new downloads.

Right Menu: Navigation

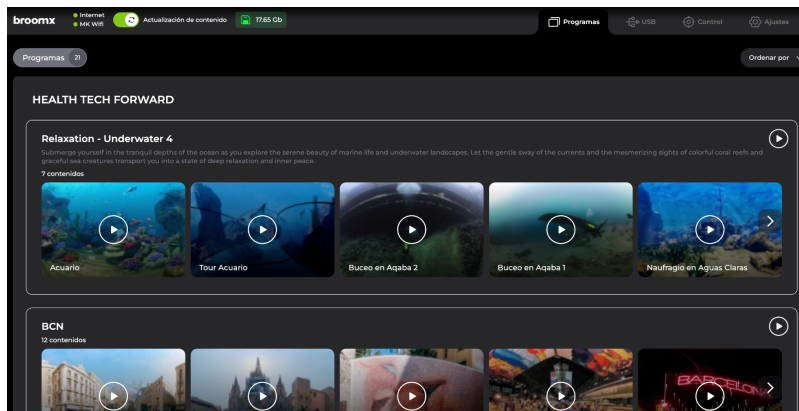


The right side of the menu shows the different sections of the Local Control. The interface is divided into 4 main tabs, starting with the home screen:

- Home Page / Programs

This page contains the programs linked to the projector. Within each program are the different sessions that make it up.

To view a session, simply press the button located at the top right of it, or press the play button (Play) of the specific content you want to watch at that moment.



Upon pressing Play, the content will begin displaying on the projector. Automatically, the Local Control will redirect to the **Control** tab, from where you can manage and adjust everything being played.

- USB

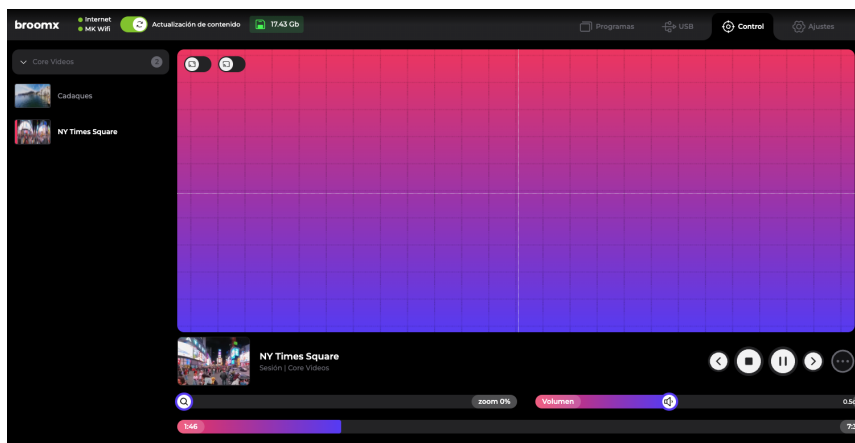
This section allows you to view content external to the Broomx platform using a USB flash drive connected to the mini-PC.

This tab will display the list of files available on the USB. To play them on the projector, simply press the corresponding play button (Play) for each video.

Once playback starts, the system will automatically redirect to the **Control** tab, from where you can manage and adjust the content being viewed.

- Control

The Control tab is the space from where everything being projected is managed in real-time.



On the left side of the tab is a column indicating which session is currently playing, displaying the list of videos that comprise it. The video currently being viewed is highlighted. (If you are viewing through a mobile device, you must click the button at the bottom left to expand the side menu with the content list).

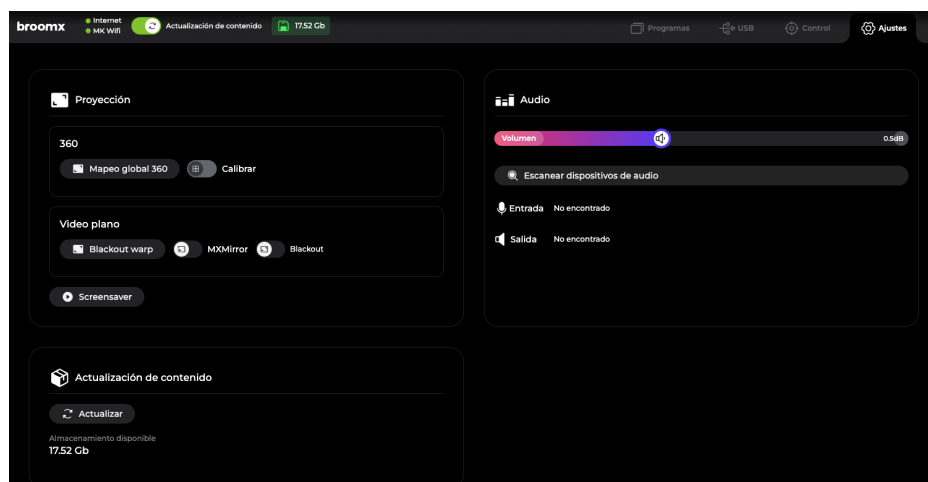
At the top of the screen is a large rectangular area that functions as a trackpad to move the 360° videos. From here, you can define the center of attention for the projection. In the top left corner, above this trackpad, there are two switches (toggles) to activate the blackout configuration (black zone) and the screen sharing function (for more details, consult the [User Manual](#)).

The lower area contains the playback controls for the current video to modify the zoom, adjust the volume, and control the exact point on the timeline being viewed. With the buttons on the right, you can also go back to the previous content, stop the projection completely, pause the video, or advance to the next content in the session.

The last button, with three dots, opens a settings menu. The first available option is the creation of a new *warping*, a necessary tool to modify the video's anchor points and adapt the projection to the shape of the room. The steps to do this are detailed in the [User Manual](#). We do not recommend using this function unless you are clear on how it works and what you want to achieve.

- Settings

The Settings tab allows you to manage the device's technical, image, and sound parameters. The screen is initially divided into three different blocks:



1. **The first section, Projection**, refers to visual parameters. Within the 360 section, you can access the "Global 360 Mapping" button to adjust the

panoramic image and activate the "Calibrate" switch ([User Manual](#)). In the Flat Video section, you will find tools to configure the "Blackout warp", [the "MXMirror" switch](#), and the "Blackout" option to darken parts of the projection. We do not recommend using this function unless you are clear on how it works and what you want to achieve.

At the bottom of this block is the button to activate the "Screensaver".

2. **The right block: Audio** centralizes all sound management. At the top, it has a slider to adjust the playback volume. Just below, the "Scan audio devices" button allows you to search for external sound equipment. The list below shows the current connection status of the input (microphone) and output (speakers) devices.
3. **In the last block, Content Update**, in the lower left, there is a box that allows you to manually force the download of newly linked files using the "Update" button. Below this option, the amount of available storage currently on the device is clearly indicated.

After these public settings blocks, there is a configuration restricted to administrator users; the password to unlock these new blocks is: **8890**. We do not recommend using this function unless you are clear on how it works and what you want to achieve.

1. **The Debug Mode block** includes a switch (Debug toggle) designed exclusively for technical tasks, advanced maintenance, or troubleshooting by the technical service.
2. **The last block, Network**, centralizes the device's connectivity information and parameters. At the top, it shows the physical identifier of the wired connection (Ethernet MAC Address). Just below, the Wi-Fi section allows you to modify the access password for the wireless network emitted by the device using the change password button. At the bottom under LAN (Local Configuration), there is a switch to enable or disable the DHCP protocol, which assigns network parameters automatically. If this protocol is disabled, the forms below allow you to manually enter the space's static network configuration, including the IP address (Address), name servers (DNS 1 and DNS 2), and the gateway (Gateway).