kino·mo HYPERVSN™

Hypervsn™ Wall Manual

Revolution in Every Dimension

kino·mo

Table of Contents

WARNING! The present Hypervsn™ Wall manual includes assembling, mounting and operation requirements. Read the manual carefully before using the Device.

The Hypervsn™ Wall assembly manual covers device(s) (hereinafter referred to as the Device, Devices, Unit, Units, Hypervsn™ Model M) overview, technical specifications, Hypervsn™ Wall assembly workflow, safety provisions, and other information required to operate Hypervsn™ Wall.

Kino-mo Ltd, the manufacturer, disclaims all liability for any harm caused to a consumer by improper Device operation and use. No changes shall be made to the equipment without the manufacturer's permission as this may void the user's authority to operate the Device.

The present Hypervsn™ Wall manual is designed for Hypervsn™ Model M.

PLEASE READ THE HYPERVSN™ WALL MANUAL CAREFULLY BEFORE CONNECTING ANY OF THE DEVICES TO A POWER SOURCE.

1. APPLICATION

Kino-mo Hypervsn™ Wall is designed to display solid high-quality images from a particular number of single units combined in a specific way.

- The content is uploaded through a Wi-Fi connection/micro SD card.
- Device is to be connected to single-phase alternating current mains with 110/230V voltage and 50/60Hz frequency and can be operated continuously while plugged in.
- The Device has Class A electromagnetic compatibility.

The Device is designed for static mounting on walls, custom-made structures (such as free-standing structures or structures hanging from the ceiling) or other stable surfaces and can be operated indoors under the following conditions:

a) Temperature range from 0 ˚C to +35 ˚C,

b) Relative humidity up to 80%.

2. TECHNICAL SPECIFICATIONS

2.1. Hypervsn™ Wall components list

The following components are required to assemble Hypervsn™ Wall:

Table 1. Hypervsn™ Wall components list

Hypervsn™ units	6	9
Alignment mount HWA-L (Long) Alignment mount HWA-S (Short)	3 3	5 4
M8 screws*	3 screw bolts per device	
Micro SD card	1	
Router	1	
Line filter	1	
Hypervsn™ Wall management application (must be run on the laptop or PC from which you plan to control Hypervsn™ Wall)	1	

*Types of screws for different walls

Partition wall:

- Screw bolt M8 (its length depends on the thickness of the wall)
- Plain washers for screw bolt M8 and nuts
- Wrench or Grip socket 13 mm (x2)

Picture 1. Partition wall

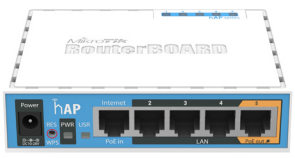
Concrete wall:

- Hold down bolt M8
- Wrench 13 mm (x1)
- Masonry drill 8mm for concrete walls

Picture 2. Concrete wall

2.2. Hypervsn™ Wall components overview

Table 2. Hypervsn™ Wall components overview

	Hypervsn™ unit
	Alignment mount HWA-L
	Alignment mount HWA-S
	M8 screw
	Micro SD card
	Router

2.3. Hypervsn™ model M technical specifications

Table 3. Hypervsn™ model M technical specifications

PARAMETERS DESCRIPTION	MODEL M
Maximum image size (diameter)	567 mm
Dimensions, mm Diameter	567 mm
Depth	174 mm
Number of LED rays	4
Rotational speed	670 RPM
Number of LEDs per each LED ray	168
Average power consumption	35 W
Maximum power consumption (all-white image)	69 W
Rated voltage	110/230 V
Input AC frequency	50/60 Hz
Net weight	2.8 kg
Noise output on the Device axis (3 metres from the unit)	45 Db
Fuse	ceramic 4A 250VAC 5X20MM

2.4. Wall requirements

Wall requirements is one of the most important aspects that must be respected and followed by all means during Hypervsn™ Wall installation. Please read the current requirements carefully and follow each step.

a) Wall Load

The maximum mounting surface load must exceed Hypervsn™ Wall weight that is calculated with the following formula: **4,2*Y**

where:

- **Y** is the number of units,
- **4,2** is one-unit weight (the mount is included).

Attention. Please keep in mind that the current formula does not take into account other objects that might be mounted to the surface (shelves or other suspended objects).

Attention. Under no circumstances should you proceed with Hypervsn™ Wall installation if the maximum load of your mounting surface is less than the weight of Hypervsn™ Wall.

b) Mounting surface

The mounting surface must:

- be leveled,
- be made of nonflexible and chatter-resistant material.

We decline all responsibility for any injuries and unit failures should the wall requirements not be met.

2.5. Wi-Fi network/OS requirements

Table 4. Network and OS requirements

Wi-Fi network requirements	◉ Device operation requires direct Internet connection without any additional login screens. ◉ Wi-Fi frequency: 2.4 GHz ◉ Distance to the router: up to 3 metres ◉ Router network mode: b/g ◉ General recommendations: choose a less congested Wi-Fi channel; avoid physical barriers between a router and the Device
PC/Laptop operating system	Windows OS only

2.6. Tools

The list of tools that you need to assemble Hypervsn™ Wall:

- PH2 screwdriver
- Hexagon 4.0 mm
- Pliers
- 13 mm Wrench or Grip socket wrench

3. HYPERVSN™ WALL ASSEMBLY WORKFLOW

Follow the 6 steps below to assemble your Hypervsn™ Wall.

Step 1. Assemble units

Picture 3. Wireless antenna

Attention:

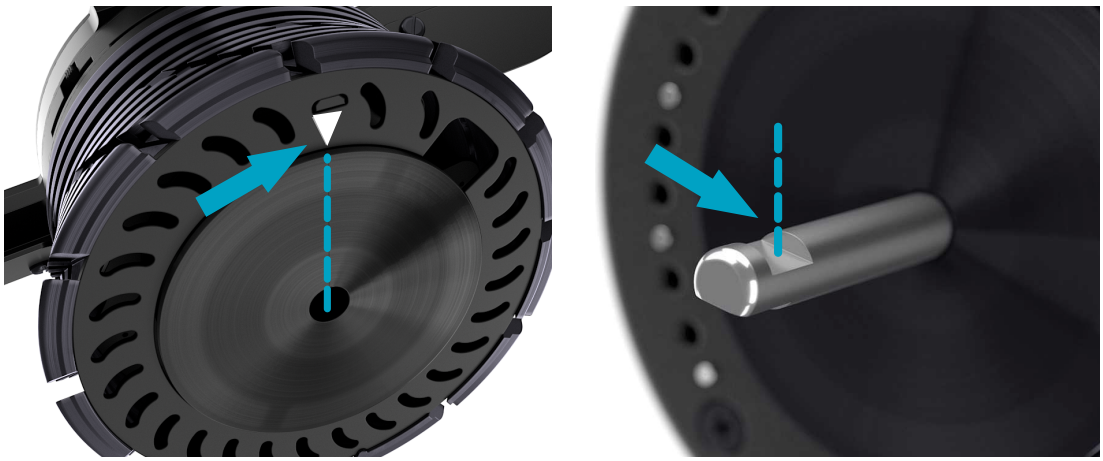
a) Please mind the Device wireless antenna integrity. Make sure you do not cut the antenna off.

b) Before assembling the Device, make a visual check of its components integrity:

- Rays should not have any cracks or other visual damages,
- The Stator should not have any dents and contain 4 tightened screws on the back. Make sure that the shaft axis is parallel to the ground and turns on its axis (rotate the shaft with your fingers).
- Contact your supplier if you notice any issues during the visual check.

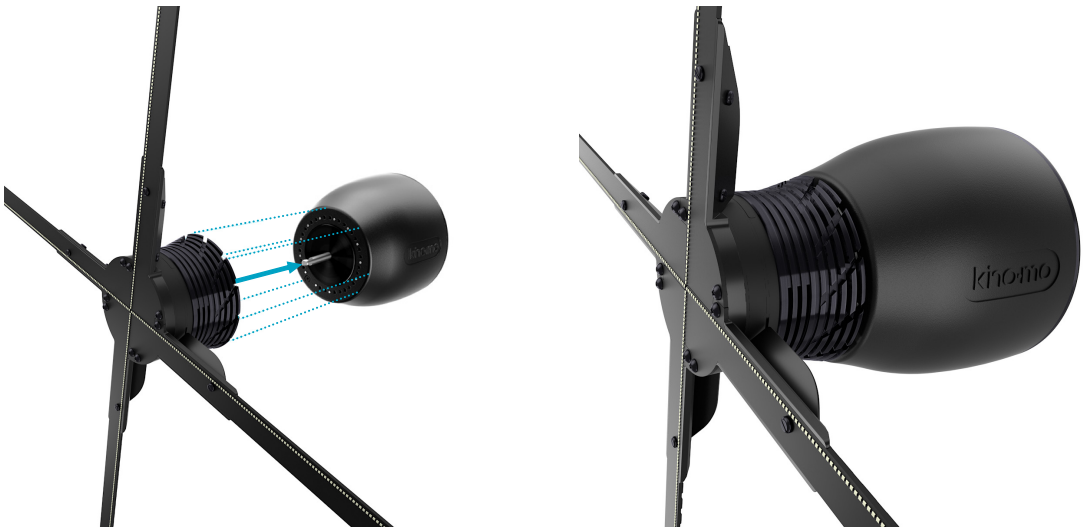
A screwdriver with a **PH2** bit is required to assemble the Device. The Device is to be assembled in the order shown below:

1. The recess in the shaft (marked with a turquoise arrow on the right picture below) needs to be positioned so that it remains against the white mark on the Rotor (marked with a turquoise arrow on the left picture below).



Picture 4. Placing the recess in the shaft

2. Take the Rotor carefully while trying not to damage the rays. Place it gently and fit straight onto the Stator shaft as shown below. You will hear a typical click.



Picture 5. Fitting the Rotor onto the Stator shaft

3. Screw in the binding screw inside the Rotor firmly. Please note that if the assembly steps were performed correctly, the Stator and Rotor elements should not have a luft.

Picture 6. Screwing in the binding screw

Attention. While moving the Device do not hold onto the rays. Otherwise they can be easily broken.

Repeat the assembly procedure for each unit that you want to place on the wall.

1.1. Before you start

Take a pincer or any oblong object and put the switcher at the base of the Stator to the left position. This will allow to launch Hypervsn™ without the remote control. Perform this procedure for each unit.

Attention. Please keep in mind that the Device will start working immediately after being plugged in. Make sure to keep a safe distance from the unit.

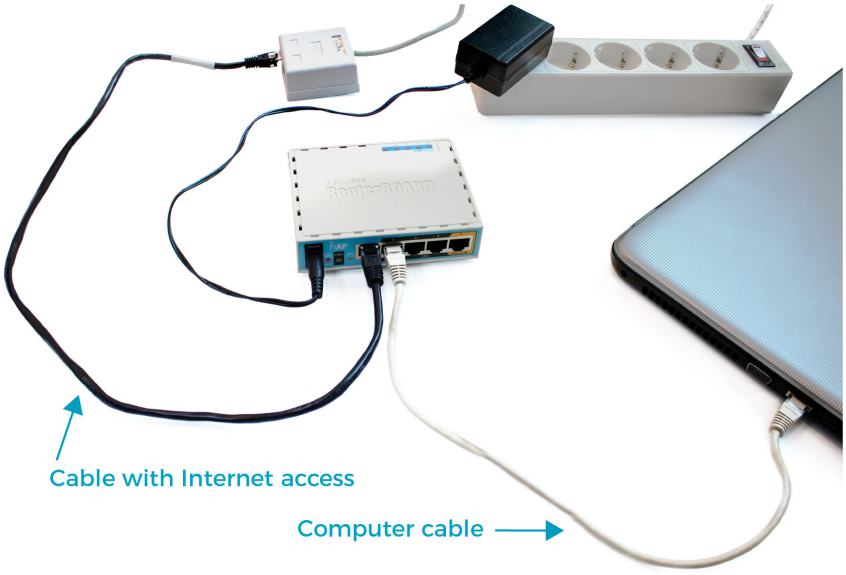
Picture 7. Preparing the Device

Step 2. Set up router

Hypervsn™ Wall operation requires a wireless router. Please follow the instructions below to adjust the router properly. Router comes with default settings that ensure its basic efficiency.

1. Updating the router's firmware

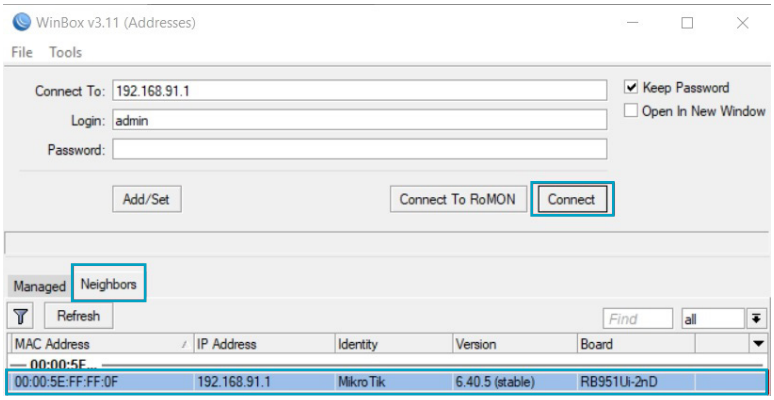
a) Connect a cable with Internet access to the first router port (labelled as Internet) and a computer cable to the second router port. Wait until the three router LEDs are ON.



Picture 8. Connection scheme

b) Run **Winbox app** (download link https://download2.mikrotik.com/routeros/winbox/3.11/winbox.exe).

- Go to the **Neighbours** tab. If a Windows security pop-up window appears, select all the checkboxes and click on the **Grant access** button.
- Click on the name of the router that has appeared.
- Click on the **Connect** button.

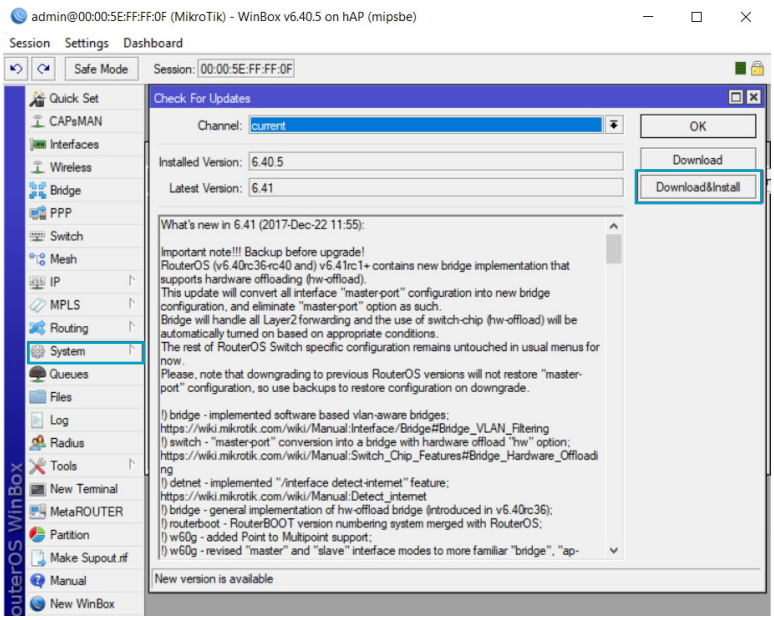


Picture 9. Connecting to the IP-address

If a pop-up window with default configuration appears, click **Ok**.

c)

- Click **System**-> **Packages** in the left menu of the Winbox app and then click on the **Check for updates** button.
- Click on the **Download & install** button in the window that appeared.



Picture 10. Installing updates

After the installation is complete the router should reboot (the 2 router LEDs will be On)

- Re-login to the control panel - click **Reconnect** in the Winbox app window.

Important: Do not turn the power Off, otherwise you will need to recover the router firmware with Netinstall (download link https://mikrotik.com/download)

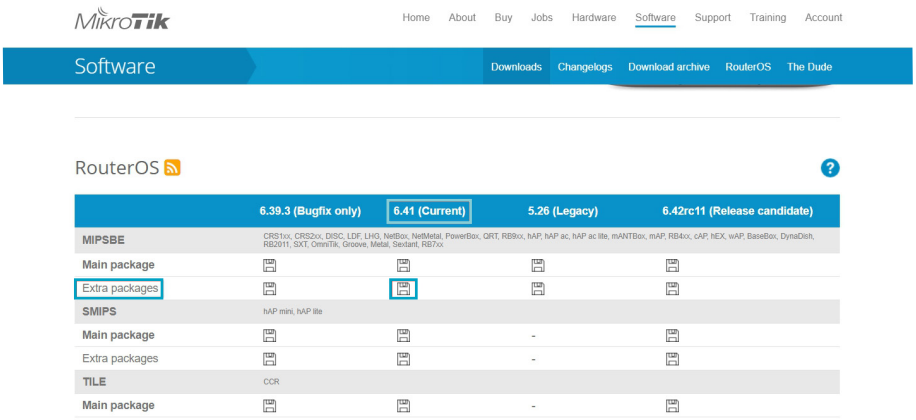
1.1 Offline update (Optional step. Perform the current step if you do not have internet access)

If you do not have access to the Internet, it is necessary to download **routeros-mipsbe-xxx.npk** beforehand (where xxx is the last firmware version) from **MIPSBE - Main package** section. Download link - https://mikrotik.com/download

- Take **routeros-mipsbe-xxx.npk** file and drop it to the Winbox app window.
- Click **System** -> **reboot** in the left menu of the Winbox app.
- Click **Yes** after the pop-up window appears.

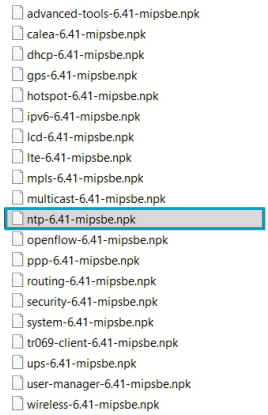
2. NTP server installation

a) Go to https://mikrotik.com/download and open MIPSBE section. Download **Extra packages** of the **Current** version.



Picture 11. Downloading extra packages

b) Unzip the current archive and find **ntp-xxx-mipsbe.npk** file where **xxx** is the firmware version. Drag and drop the current file to the **Winbox app** window.



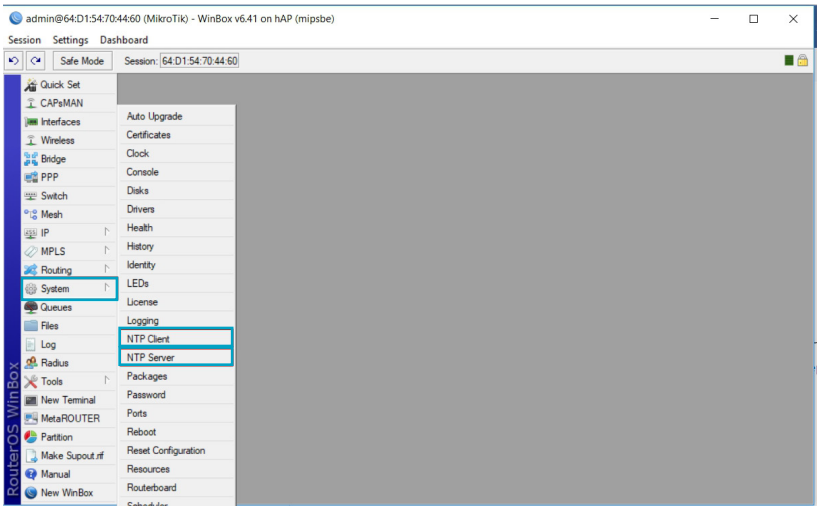
Picture 12. ntp-xxx-mipsbe.npk file

c) Reboot the router in order to install the packages. Click **System** -> **reboot** In the left menu of the Winbox app.

d) Click **Yes** when the reboot pop-up window appears.

e) Click on the **Reconnect** button in the Winbox app window that has appeared.

f) Click on the **System** tab in the left menu of the Winbox app and check if the following options have appeared - **NTP Client** and **NTP Server**.



Picture 13. NTP Client and NTP Server options

If you do not see the current options, go to **System** -> **routerboard** and click on the **Upgrade** button. Please repeat the NTP server installation procedure again.

3. Resetting router default settings

a) Click **System** -> **Reset configuration** in the left Winbox app menu.

b) Select the **No default configurations** checkbox.

c) Click on the **Reset configuration** button.

d) Click **Yes** when the reset pop-up window appears.

After that the router gets the following IP address - 00.00.00. It is not possible to connect with it in a similar way. Therefore:

- Click on the **Cancel** button in the Winbox app window and go to the **Neighbors** tab.
- Double click on the router mac address.
- Click on the **Connect** button.

4. Applying configuration for Hypervsn™

Important: The following conditions are required to apply configuration for Hypervsn™: 1) changed router default configuration, 2) installed NTP package. The current steps were performed earlier.

a) Download **hypervsn_config.rsc** file from the letter with the current manual.

Optional step: If you use several Hypervsn™ Walls within one network we recommend to change SSID so that the Devices on the first Hypervsn™ Wall are isolated from the Devices on the second Hypervsn™ Wall:

- Open **hypervsn_config.rsc** file in a text editor and find line 4 - **:global ssid "HW00001".**
- Enter a different name in the quotation marks.
- Close and save the file.

b) Drag and drop **hypervsn_config.rsc** file to the **Winbox app** window.

c) Click on the **New terminal** in the left menu of the Winbox app.

d) If the terminal asks you to see the licence. press **N** key on the keyboard.

e) Input command **import file=hypervsn_config.rsc** and press **Enter**.

f) If the configuration is successfully applied, you will see the following message in the terminal: **"Script file loaded and executed successfully"**.

g) Connect to the configured Wi-Fi access point:

- Default SSID (Login): HW00001
- Default Wi-Fi password: Kinomo987654321

Step 3. Activate units

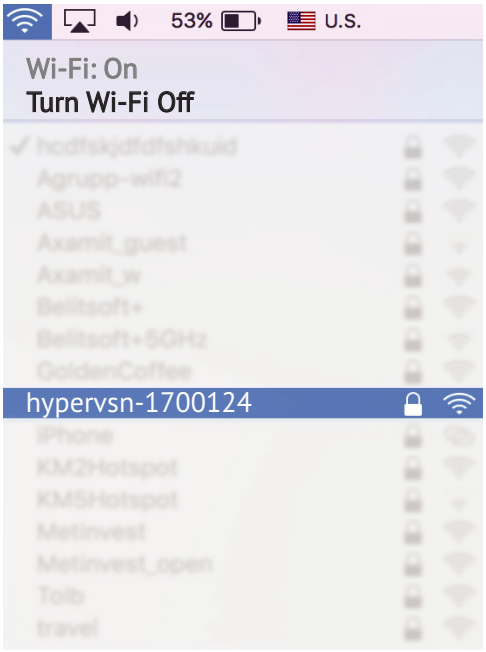
Each unit needs to be activated before use.

Attention. Please keep in mind that the Device will start working immediately after being plugged in. Make sure to keep a safe distance from the unit.

- Set the Device to the **Setup mode** by switching the tumbler under the rays to the right position as shown on the picture below.

Picture 14. Switching the Device to the Setup mode

- Turn the Device **On** by plugging it into the mains.
- Turn the Wi-Fi on your laptop **On** and choose the Hypervsn™ wireless network from the Wi-Fi list (the name of the network matches the Rotor serial number). Connect to the current network by using the following password: **0c3a71dad2**



Picture 14. Hypervsn™ wireless network

- Type 192.168.0.1:6747 in the browser address bar to access the webpage with a form to fill in.

- Fill in the required fields in the **User Data** section: “Company Name”, “Nickname” and “E-mail (use the data from your Hypervsn™ Management Platform account).
- Fill in the required fields in the **Networks settings** section in order to connect to the previously configured access point (see point **g)** at page 18) .
- Click **Save** and wait until the **Success** message appears.
- Turn the Device **Off** by unplugging it from the mains.

Repeat the activation procedure for each unit that you want to place on the wall.

Attention. Please switch each unit to the **Operating mode** when you finish the activation procedure.

Picture 16. Switching the Device to the Operating mode

Step 4. Assemble mounts and attach units to the wall

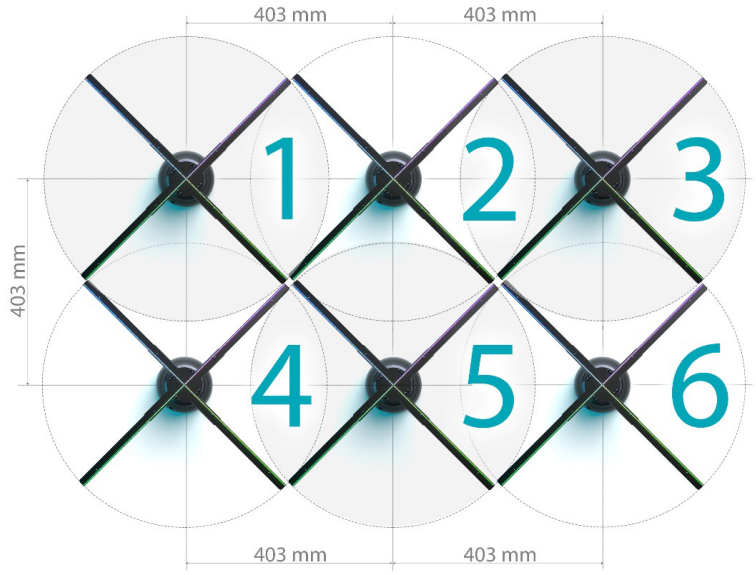
You need to assemble alignment mounts that will attach your units to the wall.

Attention. Make sure that your mounting surface meets the necessary requirements.

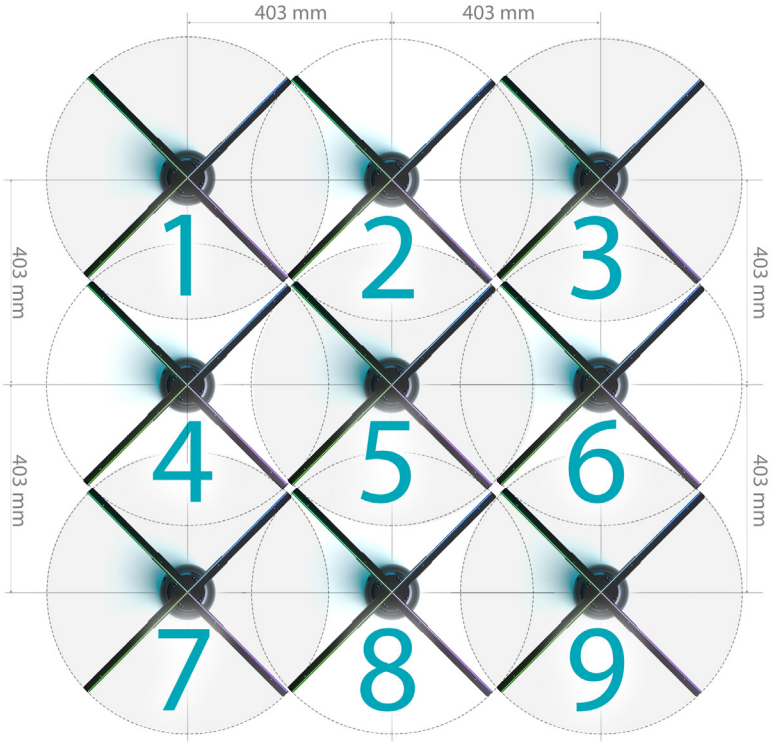
Use pictures #17-18 as a reference to attach **Short** and **Long Alignment mounts** in the appropriate way (depends on the chosen Hypervsn™ Wall configuration: 6 or 9 units).

Grey units – Alignment mount HWA-L.

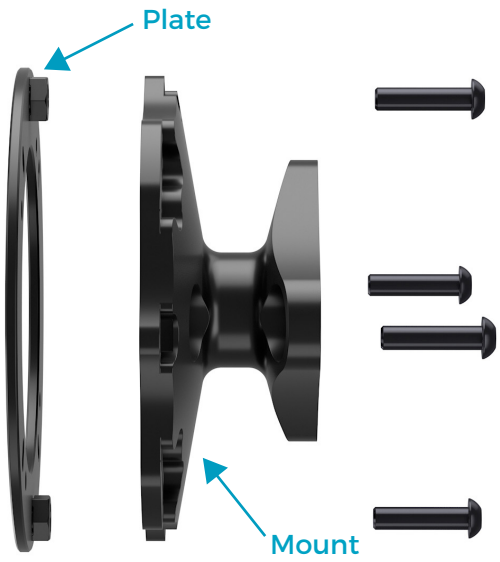
White units – Alignment mount HWA-S.



Picture 17. Hypervsn™ Wall of 6 units



Picture 18. Hypervsn™ Wall of 9 units



Picture 19. Alignment mount

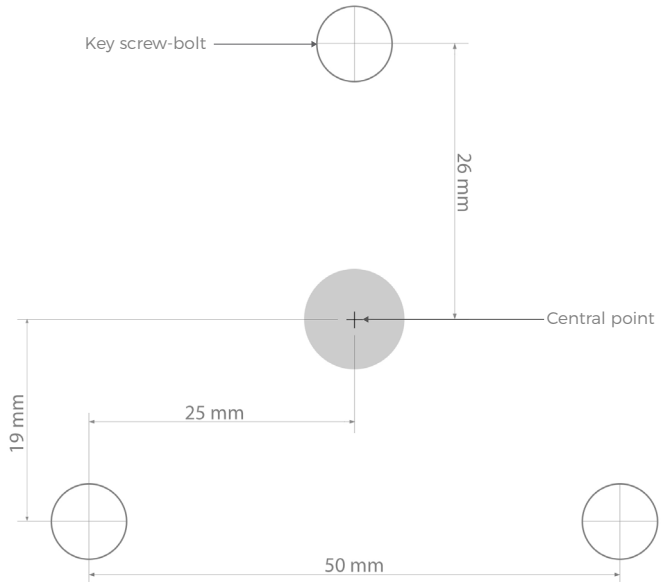
1. **For a partition wall:**

Drill 3 holes in a wall of a diameter 8.3 mm according to picture №20.

For a concrete wall:

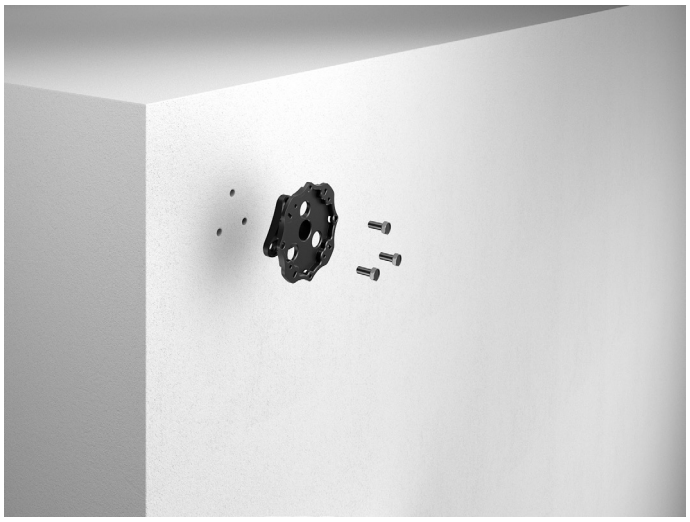
Drill 3 holes in a wall of a diameter 8 mm according to picture №20.

The key screw bolt should be at the top. Repeat the current procedure 6-9 times depending on the chosen Hypervsn™ Wall configuration (6 or 9 units). The distance between the units mark-up is **403 mm** from their central points. Use picture #17 or #18 above as a reference during the mark-up procedure.



Picture 20. Marking holes for drilling

2. Take brackets and tighten them with the screw bolts as shown on the picture below.



Picture 21. Tightening the bracket to the wall

3. Take a unit and untighten the four screws on the back of the Stator. Remove the default mount.

Picture 22. Removing the default mount

4. Take the unit power cord and pass it through the plate as shown on the picture below.

Picture 23. Passing the power cord through the plate

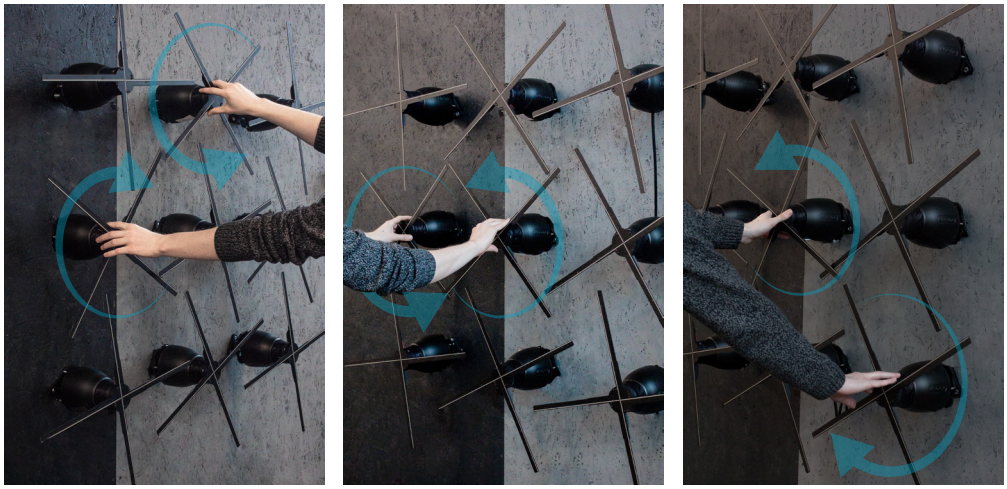
5. Tighten the plate to the unit with 4 screws as shown on the picture above.

6. Combine the plate and mount together: tighten the two other screws in the weld nuts until stop. **Attention.** Please tighten the current screws manually. Do not use additional tools or force the screws otherwise this can damage the plate.

7. Take the unit and combine it with bracket on the wall. Tighten the two side screws until stop.

8. Repeat steps 3-6 with each unit.

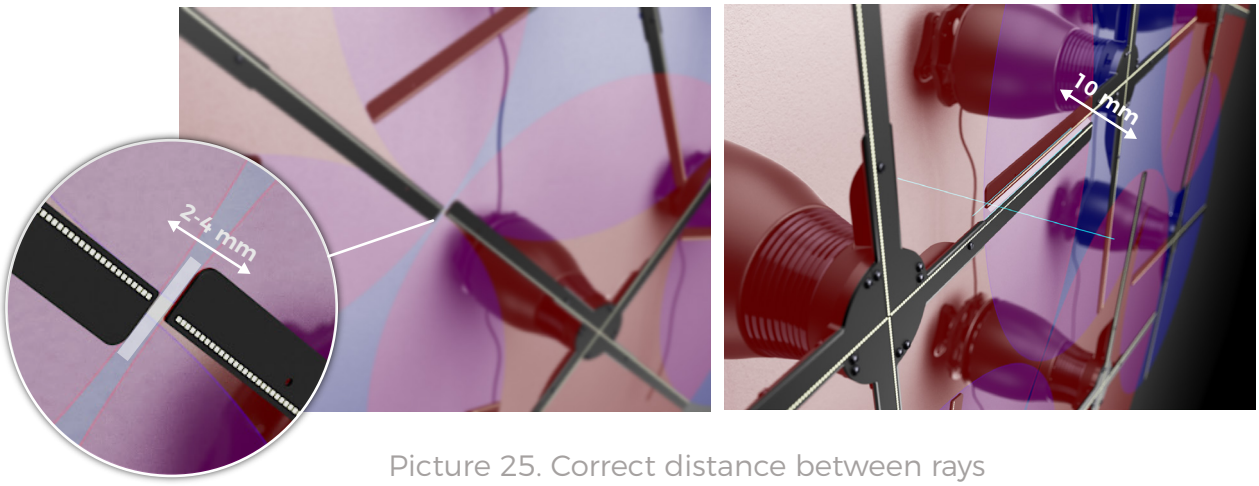
9. When all units are attached to the wall make sure that rays are not in contact with each other. Try to rotate all units manually to make sure that none of them are in contact. Please perform rotation by holding onto the Rotor base only.



Picture 24. Manual rotation of units

Attention. The distance between:

- overlapping rays must be minimum - **10 mm**,
- rays in the same plane - **2-4 mm**.



Picture 25. Correct distance between rays

4.1. Adjust position if necessary

If you need to change the Device placement angle: untighten by half the screw from the side to which you plan to turn the unit and then slightly tighten the second screw. You can also use **top** and **bottom** screws to adjust the unit inclination angle.

Picture 26. Adjusting unit position

Attention:

- Double check that Hypervsn™ rays are not in contact with power cords or any other objects. We also recommend to make wire bunches and keep them as far as possible from the rotating elements (Rotors).
- Please, make sure that your Hypervsn™ Wall remains at a safe distance from viewers. There must be minimum 3 (three) metres between Hypervsn™ Wall and the safety barrier*.

*Protect your Hypervsn™ Wall with a barrier that is strictly forbidden to cross. We decline all responsibility for any injuries and unit failures if the current requirement is not met.

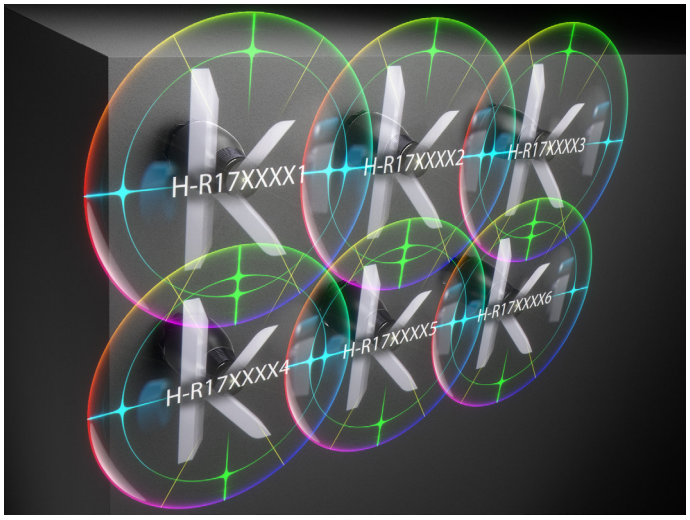
4.2. Plugging Hypervsn™ Wall in

1. Connect a **powered off** line filter (6-9 sockets) to the mains.
2. Plug in all the units to the line filter.

4.3. Calibration

Adjust the image angle on Hypervsn™ Wall before launching any content on the units:

- Power the line filter **On** to launch all the units.
- Run Sync App .exe file. Please note that during the first Sync App launch a firewall pop-up window might appear. If it happens, please select all the checkboxes in the window that appears and click on the **Allow access** button.
- In the app window that has appeared select all the units with checkboxes.
- Click on the **On** button in the **"Diagnostic screen"** section. You should see the calibration screen on all the units.
- Click on the **Unit name** in the Sync app and you will see its selected serial number above.
- Go to the **Device/settings** tab.
- Adjust the Rotation angle in the Rotation field by entering values from -170 to 170 (look at the unit display. Its serial number should be parallel to the ground)



Picture 27. Adjusted calibration screens

- After that click on the **Set rotation** button to apply changes.
- Repeat the current procedure for each unit to adjust the picture angle.
- Take a photo of Hypervsn™ Wall (use your phone) and send it to the following address: support@kino-mo.com.
- We will prepare the necessary content for the current Hypervsn™ Wall configuration.
- Click on the **Off** button in the **"Diagnostic screen"** section to exit the calibration mode.

Step 5. Activate licences

Activate the licences on the Hypervsn™ Management Platform in order to use your Hypervsn™ Wall. Follow the instructions below:

1. Go to the platform.kino-mo.com/#/login and enter your credentials.
2. Open the **Hypervsns** tab. You will see list of your devices.
3. Click on the **Activate Licence** button under the Device name.
4. Click on the **Activate Licence** button in the pop up window that has appeared.
5. Repeat the current procedure for each Device that you plan to use in your Hypervsn™ Wall.

Important: Licence countdown starts from the moment it is activated. The current event licence gives you a 4-day access. Moreover, you will have 2 additional days. We recommend you activate your licence as late as possible.

Step 6. Upload content to units

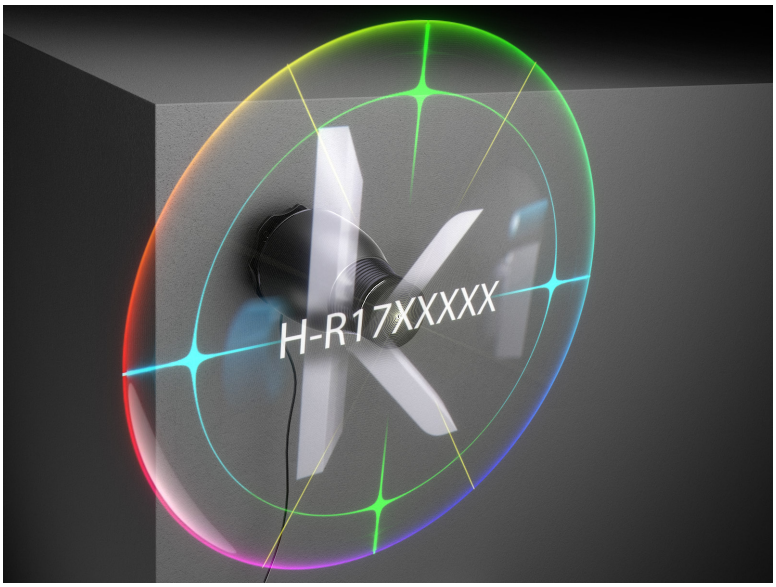
There are two options for uploading the video content to your Hypervsn™ Wall. Please select the most suitable variant for you:

- #1. We prepare the content for your Hypervsn™ Wall according to the information you provided. You receive the link with content and upload it to a micro SD card. After that you need to rename the playlists and upload the content via the micro SD card to each unit.
- #2. We prepare the content for your Hypervsn™ Wall according to the information you provided. After that you receive the link with the content and upload it to each unit via Sync App.

Required information for Kino-mo:

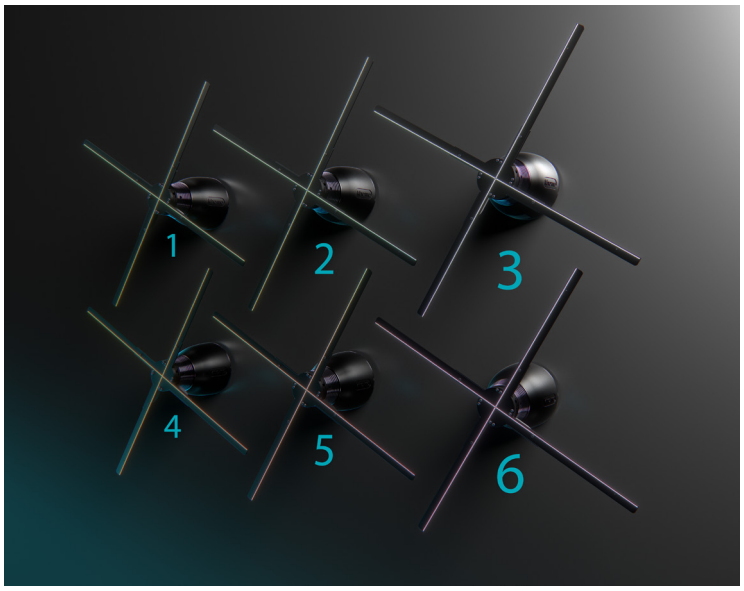
In order to prepare content for an event Kino-mo requires the following information:

1. Serial numbers. These can be found on each unit under the rays on the Rotor. Example: H-R170XXXX. This can be also seen on the unit calibration screen.



Picture 28. Device serial number - H-R17XXXXX

2. Device position number on Hypervsn™ Wall



Picture 29. Example of Device position

Variant 1

Once you receive a link to the content prepared, please follow the instructions below:

1. Download the .zip file via the link provided.
2. Insert a micro SD card into your PC.
3. Erase everything from the micro SD card by formatting it to FAT32 file system.
4. Unzip the previously downloaded .zip file to the root folder of the micro SD card (so there is only the content folder in the root of the micro SD card).
5. According to the arrangement of units, rename the playlist files in the following format: **Playlist_H-R170XXX.txt**

Example: rename Playlist_H-R170XXX1 to Playlist_H-R1701000, because H-R1701000 unit has №1 wall position. Repeat the current procedure with each playlist.

6. Eject the micro SD card with content from the PC.

Before you start to upload the content:

- Turn your Hypervsn™ Devices On – press the **On** button on the line filter.
- Make sure that they are in the Operating mode (all Hypervsn™ units should display Kino-mo logo).

1. Run Sync app.
2. Click on the Device name.
3. Go to the **Device/settings tab** and click on the **Player mode** switcher. Perform steps 2-3 for each unit.
4. Power Off the line filter to stop the units.
5. Insert **micro SD card* with the content** in the unit.
6. Power **On** line filter and wait till **"Eject SD card"** message appears on the unit.
7. After that turn the line filter **Off** and eject the micro SD card.
8. Repeat steps 5-7 for each unit.
9. Power **On** the line filter again and enjoy the content.

Micro SD card requirements*

micro SD\SDHC\SDXC card with FAT 32 format.

Variant 2

Once you receive the link to the content prepared, please follow the instructions below:

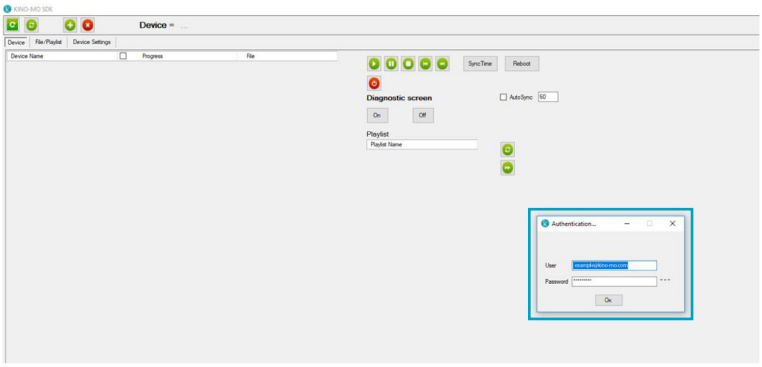
1. Download the .zip file via the link provided.
2. Extract the current .zip file to your desktop.

Before you start to upload the content:

- Turn your Hypervsn™ Devices on – press the **On** button on the line filter.
- Make sure that they are in the Operating mode (all the Hypervsn™ units should display Kino-mo logo).

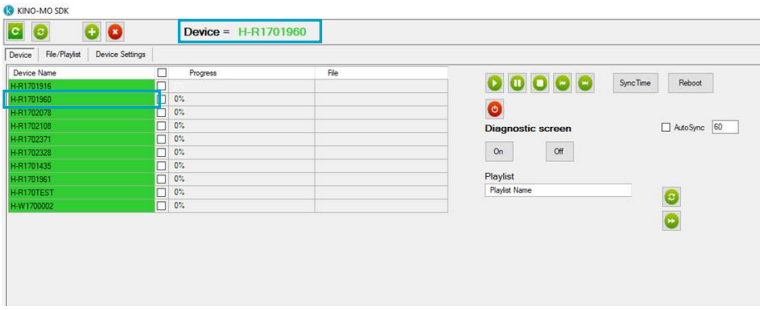
1. Run **Sync App**. Enter your login and password from your account on Hypervsn™ management platform in the pop-up window that has appeared. Click on the **Ok** button and you will see the list of available devices.

Attention. Please note that your computer must be connected to the Internet.



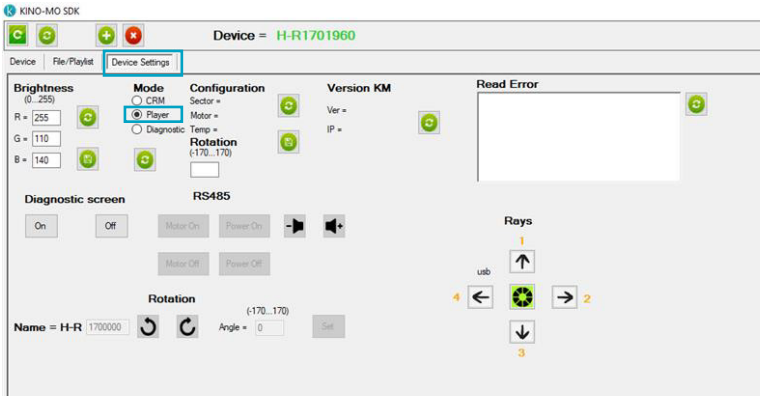
Picture 30. Sync App login screen

2. Click on the **Device** name.



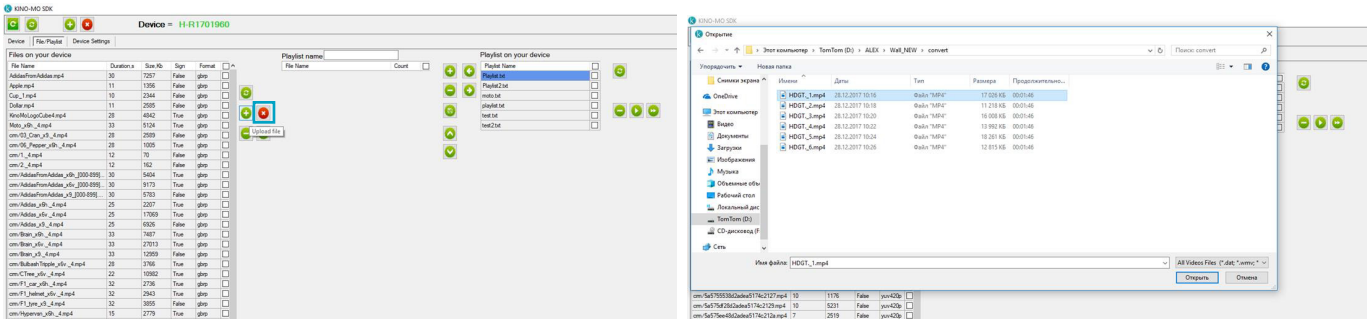
Picture 31. Selecting the unit

3. Go to the **Device/settings** tab and click the **Player mode** switcher.



Picture 32. Player mode switcher

4. Go to the **File/Playlist** tab and click on the **Plus** button to add the necessary media file. The media file name matches the unit wall position and is labelled in the following format: XXXX.**_1**, XXXXX.**_2**, XXXXXX.**_3** etc.



Picture 33. Adding a media file

5. Wait till the download is complete.

Picture 34. Download process

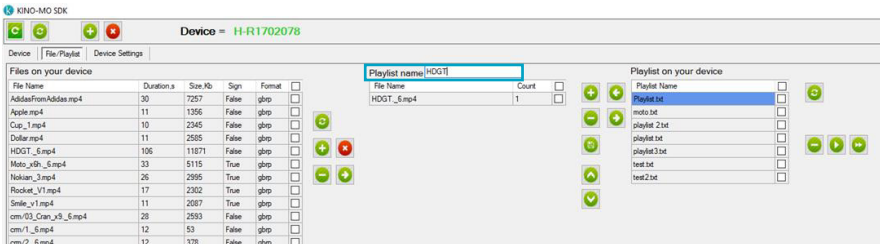
6. Click on the **Refresh** button.

Picture 35. Refreshing files

7. Select the uploaded file and click on the **To playlist** button.

Picture 36. Sending a file to Playlist

8. Enter a playlist name to the **Playlist name** field.

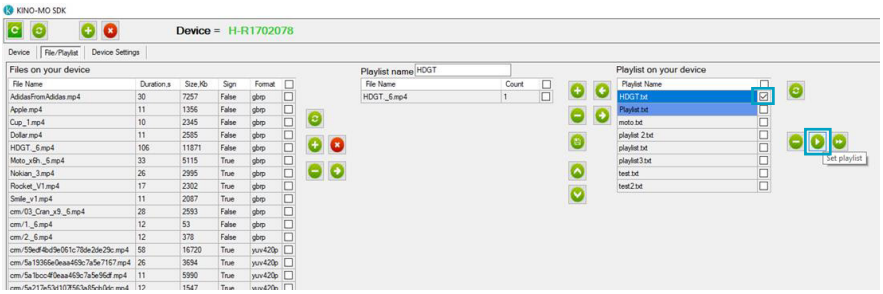


Picture 37. Entering Playlist name

9. Select the playlist with a checkbox and click on the **Right arrow** button to add the playlist to the unit.

Picture 38. Entering Playlist name

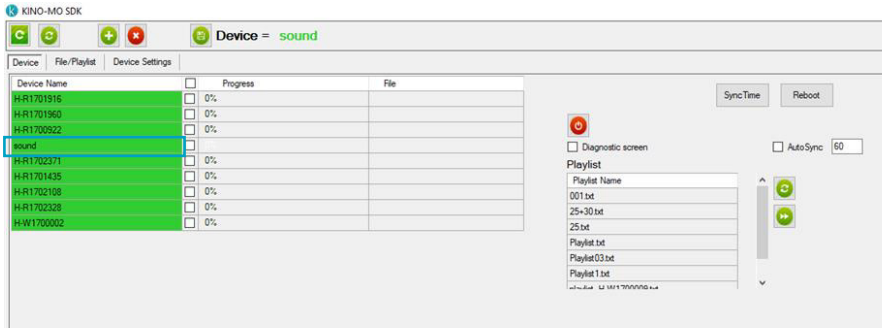
10. Select the added playlist file with a checkbox and click on the **Set playlist** button.



Picture 39. Set playlist

11. Repeat the current procedure with each unit you plan to use in your Hypervsn™ Wall.

Important: if you want to add sound to your Hypervsn™ Wall, perform each step above with the Sound unit in the device list as well.



Picture 40. Sound Unit

How to add a custom soundtrack to your Hypervsn™ Wall

Adding a custom soundtrack to your Hypervsn™ Wall is similar to the process of adding content to units via Sync App (variant 2). Nevertheless, there are some requirements that must be met:

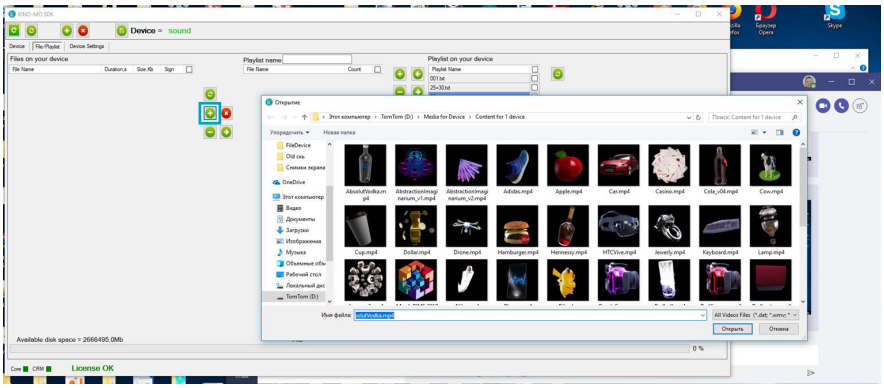
- The soundtrack must have the same order and the same length (duration) as other units video.
- The number of soundtracks must be the same as the number of videos on the unit.

Follow the steps below to add a custom soundtrack to your Hypervsn™ Wall:

1. Open Sync App.
2. Select **Sound** from the device list.

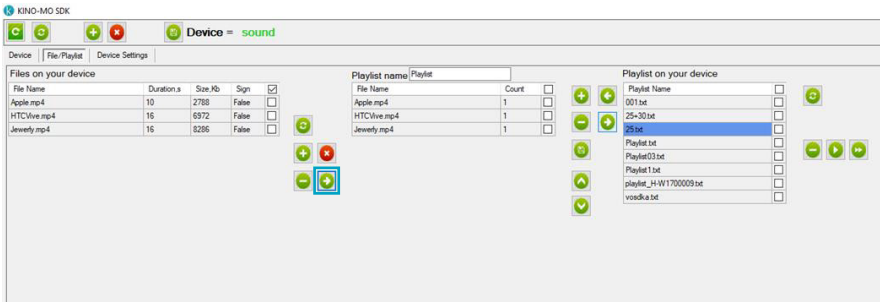
Picture 41. Selecting sound

3. Go to the **File/Playlist** tab and click on the **Plus** button. Add the necessary audio content.



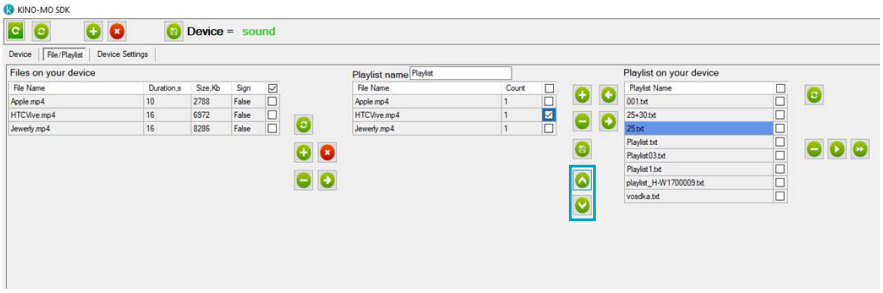
Picture 42. Adding sound content

4. Select the content with a checkbox and click on the **To playlist** button.



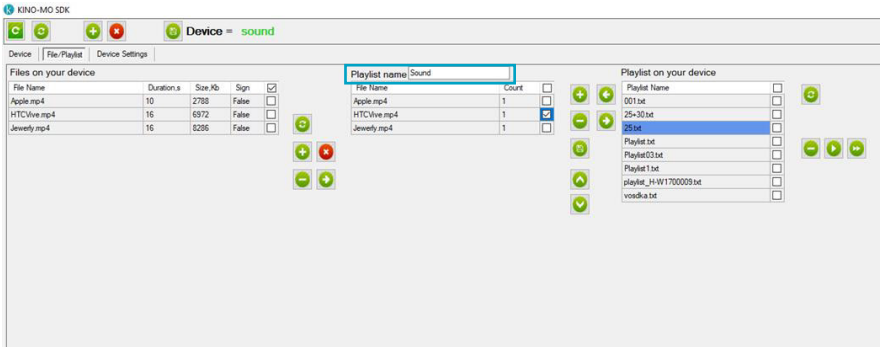
Picture 43. Adding sound content to a playlist

5. Select a media file with a checkbox and adjust its order using **Up** and **Down arrows** if necessary (media files must have the same order and the same duration as other units content).



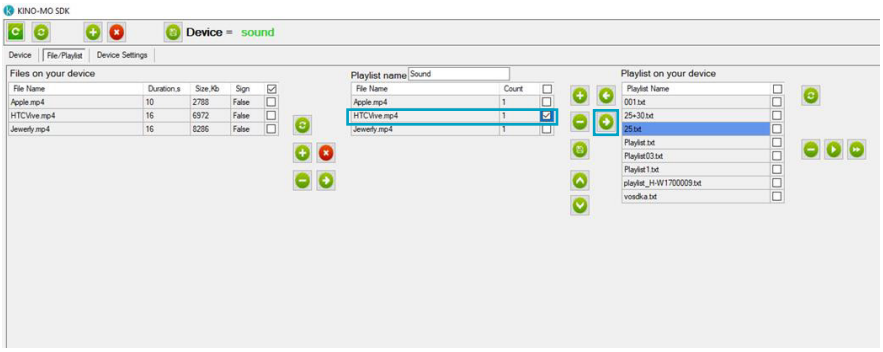
Picture 44. Adjusting the media file order

6. Enter the Playlist name.



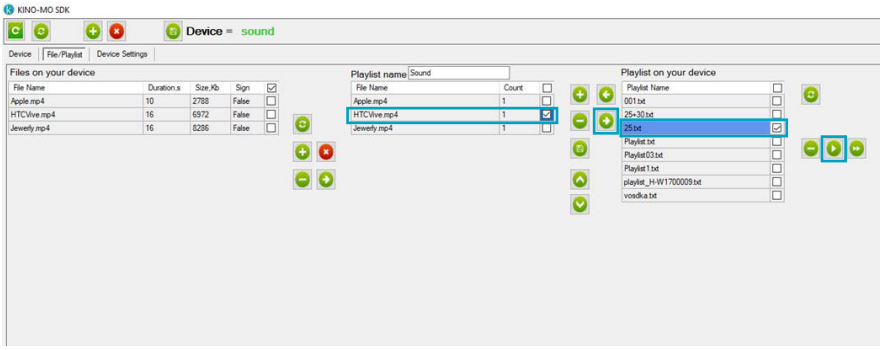
Picture 45. Adding a playlist name

7. Send your playlist to the unit by clicking on the **Right Arrow** button.



Picture 46. Sending a playlist to a unit

8. Select your playlist with a checkbox and click on the **Set Playlist** button.



Picture 47. Clicking on the Set playlist button

4. HYPERVSN™ WALL OPERATION

Use the line filter in order to power off/on your Hypervsn™ Wall.

Attention. Hypervsn™ Wall operation requires permanent Wi-Fi connection. Please do not turn the Wi-Fi Off.

5. SAFETY PROVISIONS

- User acknowledges they have been informed that Hypervsn™ Wall must be positioned strictly out of direct public reach. User confirms that, if positioning Hypervsn™ Wall out of direct public reach is not possible, he/she must immediately inform Kino-mo and not proceed with the installation under such circumstances.
- A single Device must be installed so that the lower edge of the LED rays is at least 2.9 metres off the floor. Exceptions are allowed in case there is a natural barrier or enclosure preventing public from approaching the Device closer than two metres.
- The Device belongs to I class with regard to protection against electric injuries. It is forbidden to operate the Device using alternating current mains without any grounding system.
- To avoid electric injuries, please do not turn the Device on while the Stator safety cover is removed.
- The power voltage must match the information on the Device type label.
- Under no circumstances touch the Device while it is rotating. The LED rays on the Rotor become effectively invisible, which might pose danger.
- Since Kino-mo's Display relates to pluggable equipment TYPE A, it is necessary to have an easy-to-reach socket nearby.
- After using the Device, the Stator and Rotor elements can become hot to touch. Please wait until the temperature falls before proceeding further.
- Do not throw any objects into the Device.

- Do not use the Device if the power cord is damaged. Make sure the cord is not in contact with any sharp edges or hot surfaces.
- Do not pull the power cord, do not rewind it and do not wind it around any parts of the Device.
- If the Device produces any abnormal sounds during operation, please stop using the Device immediately and contact your vendor.
- Do not let children play with the Device and do not leave them unattended in close proximity to an operating Device.
- Protect your Hypervsn™ Wall with a safety barrier. There must be at least 3 metres between Hypervsn™ Wall and the safety barrier.
- Under no circumstances allow viewers to cross the safety barrier.

6. WARRANTY

The Device warranty life is of 12 months. The average operation time is 5 years. If the guaranty label is broken on the Rotor or Stator, the Device warranty will be considered voided.

6.1. Special requirements

Hypervsn™ Model M complies with ISED's license-exempt RSSs. The Device operation is subject to the following conditions:

1. It may not cause harmful interference, and

2. It may accept any interference, including interference that may cause undesired operation of the device

Hypervsn™ Model M complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and

2. This device must accept any interference received, including interference that may cause undesired operation.

Attention. No changes shall be made to Hypervsn™ Model M without the manufacturer's permission as it may void the user's authority to operate the Device.

7. TROUBLESHOOTING

1. I can not see any units in Sync App.

- Your units are not connected to the router network. Please repeat the activation procedure again and connect all the units to the router network.
- The distance between the router and Hypervsn™ Wall should not be more than 3 meters. Please reduce the distance between the router and Hypervsn™ Wall. You can also try to use different router channel if the previous step did not help.

2. Hypervsn™ Wall content is not synchronised.

- Synchronisation can take some time. Please wait for 10-15 minutes.
- Check if all the units can be seen in the Sync App. If not, make sure that the units are connected to the default router network.
- Check the correctness of playlists: 1. Media order 2. Media files duration.
- Check if an additional NTP server runs on your laptop. Press Cntrl+Alt+Del on your keyboard.

3. Hypervsn™ Wall content parts do not match each other.

- Check if all the units have appropriate calibration. If not, please calibrate the units according to paragraph 4.3.
- Make sure that the units are attached to the wall properly.

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Revolution in Every Dimension

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