

# Zoom OSC with XPoint24

## How to set up Zoom OSC

ZoomOSC is used to managed zoom calls, here is how to set it up

### Getting ZoomOSC

Go to the website: <https://www.liminalet.com/zoomosc>



The screenshot shows the ZoomOSC 4 website landing page. At the top, there is a yellow banner with the ZoomOSC logo (a gear with 'OSC' inside) and the text 'ZoomOSC 4'. Below the banner, the main content area is dark grey. It features the text: 'Maximize your control of virtual meetings and events with ZoomOSC, an expanded version of the Zoom client that integrates Zoom with third-party software and hardware.' Below this is the tagline 'Elevate, Automate, and Streamline your Virtual Events.' There are two buttons: 'Download Now >' and 'View Pricing >'. Under the 'Download Now >' button, it says 'ZoomOSC Essentials MacOS and Windows 10'. Below the buttons, it says 'Introducing ZoomOSC Essentials & ZoomOSC Pro' and 'You can now deploy ZoomOSC in one of two ways:'. There are two columns of text: 'ZoomOSC Essentials (FREE) All the features you know and love, plus some new ones!' and 'ZoomOSC Pro A paid tier that unlocks new, groundbreaking features.'

From here you can press **Download Now** It will take you to a form you can fill out, and then you will receive an Email with link to download the Essentials version.

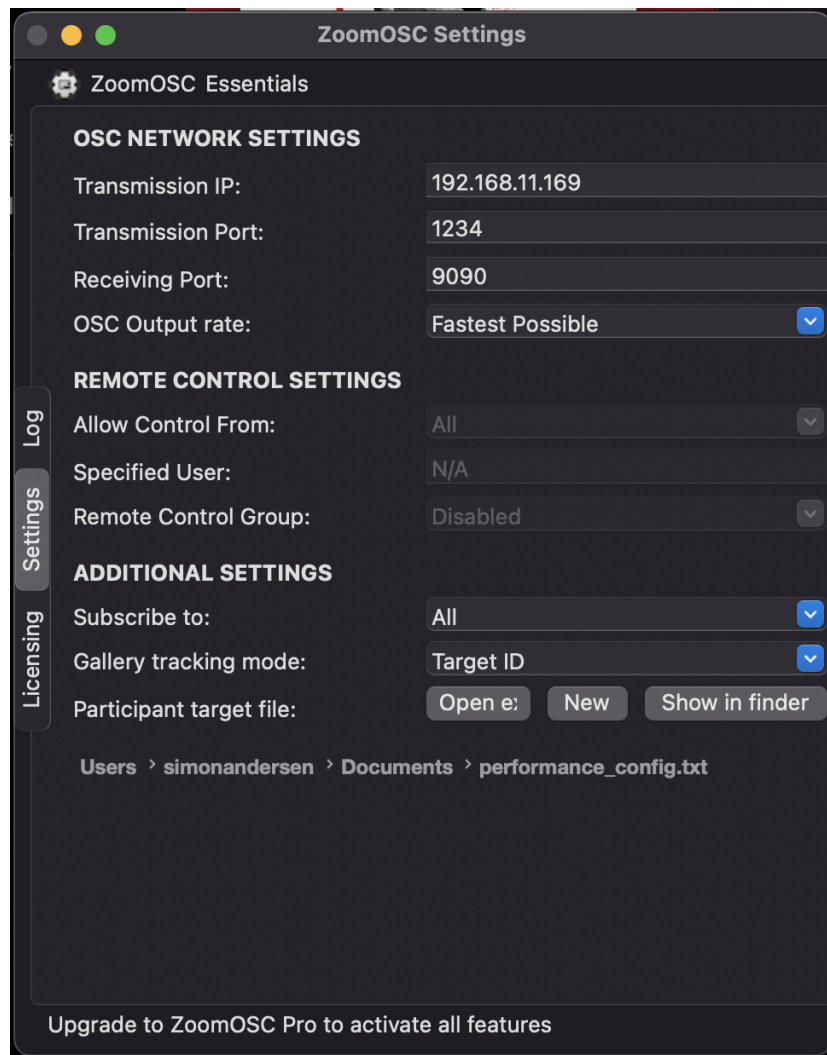
You can also find further instructions, guides, and videos from Liminalet's website!

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After installing and running the program you will see 2 separate windows.

### Window 1:

Settings window will show you status updates, and allow you to adjust your settings.



It is in the Settings tab you find Network Settings. Take note of these 3 fields:

**Transmission IP** (IP where Zoom OSC will send messages to)

*This should be the Bluepill IP address*

**Transmission Port** (port where Zoom OSC will send messages to)

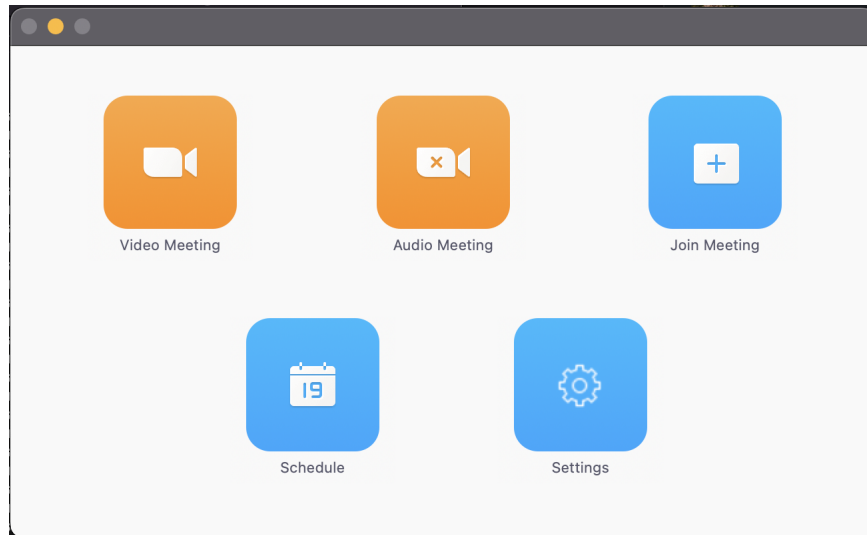
*This value is used by Reactor to receive information from Zoom OSC*

**Receiving Port** (port where Zoom OSC will listen for messages)

*This value is used by Reactor to send information from Zoom OSC*

## Window 2:

The other window will allow you to join a Zoom meeting or webinar.



## Setup - Zoom OSC with XP24

# Zoom OSC with XP24:

We have created a Zoom OSC configuration for our XP24 panel. This means that everything is taken care of automatically by Reactor.

By standard it's set up to auto populate, meaning that as users join the call they will be assigned a button. From there you have full individual control. You will have settings like, toggle mute and video, and more advanced settings like if the attendee is in spotlight or pinned. And all of these settings is right at your fingertips!

We have made it easy to change settings for all your attendees by making dynamic user commands.

## Step-by-step

|        |                         |  |
|--------|-------------------------|--|
| Step 1 | <b>Install Zoom OSC</b> | If you haven't already now is the time to download and install the Zoom OSC software<br><br><a href="https://www.liminalet.com/zoomosc">https://www.liminalet.com/zoomosc</a><br>Works on MacOS and Windows 10 |
|--------|-------------------------|--|

|        |                              |   |
|--------|------------------------------|---|
| Step 2 | <b>Install package</b>       | To control Zoom OSC from a Skaarhoj controller go to your bluepill via reactor. Navigate to the Packages tab and search for "Zoom OSC"  |
| Step 3 | <b>Add Device</b>            | <p>When the devicecore is installed correctly you can now search for "Zoom OSC" in the Device tab from Home.</p> <p>Difference for ZoomOSC Essentials</p> <ul style="list-style-type: none"> <li>• Choose this device if you only use the free version of Zoom OSC</li> </ul> <p>ZoomOSC Pro</p> <ul style="list-style-type: none"> <li>• Choose this device if you have a paid licence for Zoom OSC</li> </ul> <p>ZoomOSC Pro Advanced</p> <ul style="list-style-type: none"> <li>• This has extra features, but isnt fully supported yet</li> </ul> |
| Step 4 | <b>Setting up the Device</b> | <p><b>IP address:</b><br/>This IP address should be the PC running Zoom OSC</p> <p><b>Receiving Port &amp; Transmission Port:</b><br/>Find ports in Zoom OSC Networking Settings</p> <p>The value Transmission Port in Zoom OSC should be the Receiving in Reactor</p> <p>The value Receiving Port from Zoom OSC should be the Transmitting in Reactor</p>  |

Step 5

**Adding Panel & choosing the right configuration**

Make sure the XP24 is turned on. Now it should say "Waiting for raw panel", and display its IP address

In Reactor you can now press Add Panel. Search or find your XP24 panel. If it's not automatically detected you can choose to manually add it. Go to the tab "Add Panel Manually"

When added you can make sure the configuration is set to ZoomOSC

And now the panel will display one message "Meeting OFF", meaning that it has connection to Zoom OSC on your computer and waiting for you to start a video meeting

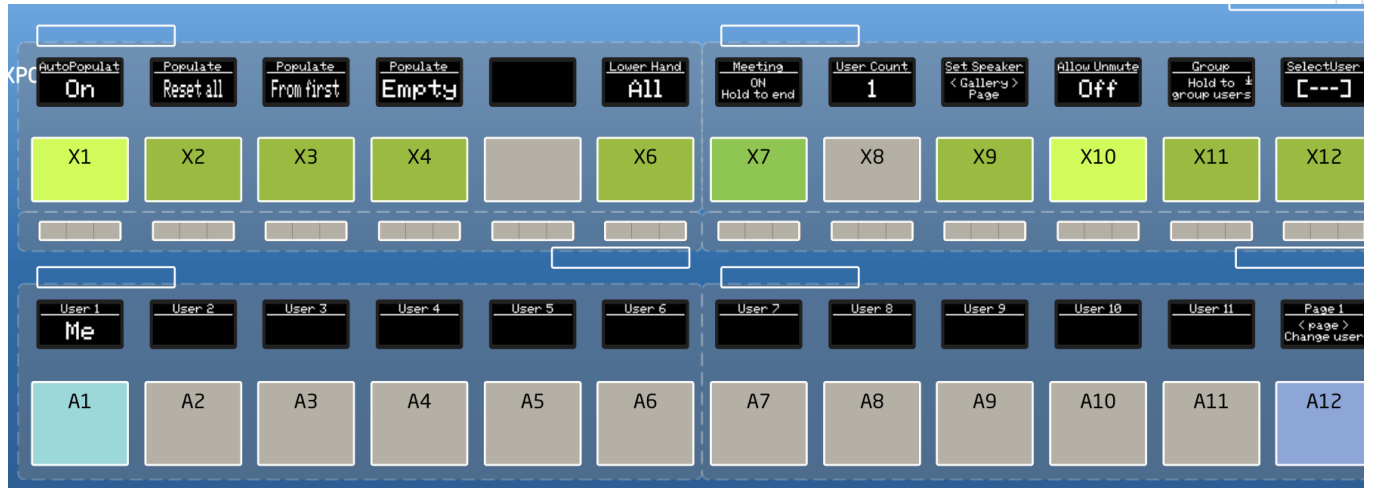
**Control - Zoom OSC from XPoint24**

# How to run Zoom OSC from XPoint24

Here is a run-through of the [standard configuration](#) for Xpoint24

**Global Settings**

The first thing you will see when you start the meeting is global settings in the top row, and a user row on the bottom.



- **Auto Populate**

This is on by default, and therefore the Host user has been assigned slot User 1. When Auto populate is active, attendees will automatically get assigned a button from the lower row. This can be set to be default or not in the core config.

- **Reset all**

This button resets all the attendee buttons.

- **From first**

This button resets all the attendee buttons, and populates them randomly from the beginning.

- **Empty**

This button puts all the attendees that are not on buttons already, on the next free buttons. This is helpful, if you do not want to use Auto Populate, but needs to get a lot of attendees down on buttons easily.

- **Lower hand All**

This gives the ability to lower all raised hands from one button

- **Meeting - Hold to end**

Hold for X seconds, and the meeting ends for all user

- **User Count**

Here you can see how many attendees is in the meeting

- **Set Speaker/Gallery**

The top of this button changes the view state between speaker and gallery view.

When in gallery view, the sides of the button changes the gallery page.

- **Allow Unmute**

Toggle if attendees should be able to unmute themselves

- **Group**

Grouping attendees can give you the same individual control of users (See Attendee settings), just for a group of attendees. To group attendees, hold this button, and press the attendees you want to group.

- **Select User**

This can be used by placing a 'Selected User' on one of the attendee buttons. Then this user can be changed easily by cycling through them on this button. This makes it easier to manage a lot of attendees without having them all on different buttons.

## Attendee settings

Choose an attendee and now you can toggle settings for that individual.



- **Mute**

Toggle Mute for the Attendee (If the Attendee has muted themselves they will get a popup saying the Host has asked them to unmute)

- Video

Toggle Video for the Attendee (If the Attendee has turn off video themselves they will get a popup saying the Host has asked them to turn on video)

- Pin 1 & 2

Host can pin Attendees. This pin will only be visible for the Host

- Spot

Host can spot Attendees. This pin will only be visible for the Host

- Lower Hand

If the Attendee has used the function Raise Hand. The Host has the ability to lower the hand again

## Troubleshoot

# Troubleshoot:

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