



# Metapad

## User Guide

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# Hello!

**THANK YOU** for purchasing Metapad - a flexible, powerful and unique iPhone controller application that enables you to use gestures to control any application on your Mac/Windows computer directly through WiFi or USB. We hope Metapad will find home in your creative environment!

We did our best to make Metapad as intuitive and user friendly as possible, but you will need a few minutes to set it up and get familiar with its functions. And as with every new device or instrument, you need some practice to master it. To help you with onboarding, we have created this manual, in-app tutorial and [video tutorials](#) with detailed information on the setup process and Metapad's functions.

Before you start, let's get familiar with some basic Metapad terminology:

- **Macro:** an action or a group of actions sent to your computer when you perform a gesture on Metapad to trigger specific commands in the application that is in focus on your computer.
- **Gesture set:** set of gestures configured for a given application on your computer.
- **Workspace:** an "container" that holds multiple gesture sets defined for a target application.
- **Gesture pad:** an active area on your iPhone which responds to the preformed gestures.

Now, it is time you let Metapad streamline your workflow! If you have some problems, questions, feedback or feature requests, don't hesitate to contact us at [support@metagrid.io](mailto:support@metagrid.io).

# First Steps

We all love things that are straightforward and familiar. The basic setup is minimal and includes just a few easy steps:

**1**

## METAPAD PURCHASE

If you haven't already done it, go to **Apple App Store**, search for **Metapad** and click **Buy**.

**2**

## METASERVER INSTALLATION

Metapad needs a small application (**Metaserver**) to be installed on your computer to receive and process keyboard shortcuts and MIDI messages.

1. Go to **www.metasystem.io > Downloads** and download **Metaserver.dmg** file to your computer.
2. Open **Metaserver.dmg** file.
3. Drag and drop **Metaserver** icon to you **Applications** folder.
4. Open **Metaserver** application. You will see  icon on the menu bar.
5. Click  on the menu bar and select **Start Metaserver when you log in**.



On some Windows machines you may be asked to install .NET Framework 3.5 to run Metaserver. Proceed with the installation.



Some antivirus software may identify Metaserver as a threat. Ignore the warning.

3

## WIFI NETWORK/USB SETUP ON YOUR COMPUTER/IPAD

Metaserver needs an active WiFi or USB connection to establish communication between Metapad on your iPad and your computer. You can use your local WiFi network or create an ad-hoc connection.



Your computer and your iPad have to be connected to the same WiFi network.



To connect your iPad to computer through USB connection, just use the Lightning to USB cable. No additional setup is needed on Mac. For Windows you need to install Apple iTunes on your machine.

## METAPAD SETUP

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The setup in Metapad on your iPhone is minimal:

1. Open Metapad on your iPhone.
2. You will see the **Connection** screen where you can select a computer with an active Metaserver instance. If you can't see any computers, make sure both your computer and your iPhone are connected to the same WiFi network or is connected with the Lightning to USB cable and pull the list down to refresh the host list. Restart your application.
3. If the computer's name is marked in red and followed by an exclamation mark, it means that it runs an outdated Metaserver version. Download the latest Metaserver version from Metasystem.io website and run it on your computer.
4. Select your computer. The main Metapad screen will be displayed. In the top right corner of the screen there is the icon for the app that is currently in focus on your computer.

Congratulations! Metapad is now able to talk to your computer.



Metaserver can simultaneously connect to up to 4 iOS devices running Metagrid/Metapad, which means you can control your computer from multiple iPads/iPhones with Metagrid/Metapad! You can use Metagrid on your iPad to trigger macros with buttons and Metapad on your iPhone to trigger macros with gestures. No additional setup is needed - just connect your additional iPads/iPhones per instructions above.



Metapad remembers the last connected computer and automatically tries to reconnect to this machine when you relaunch Metapad. When this computer is found, the **Connection** screen will not be displayed.

## ADDITIONAL SETUP OPTIONS

Metapad is much more than just sending keyboard shortcuts and text actions to your computer. If you want to send MIDI commands and/or app-specific commands to DAW applications, you need to do some additional steps in your DAW application. For easy step-by-step procedures, see [App-specific Setup](#).

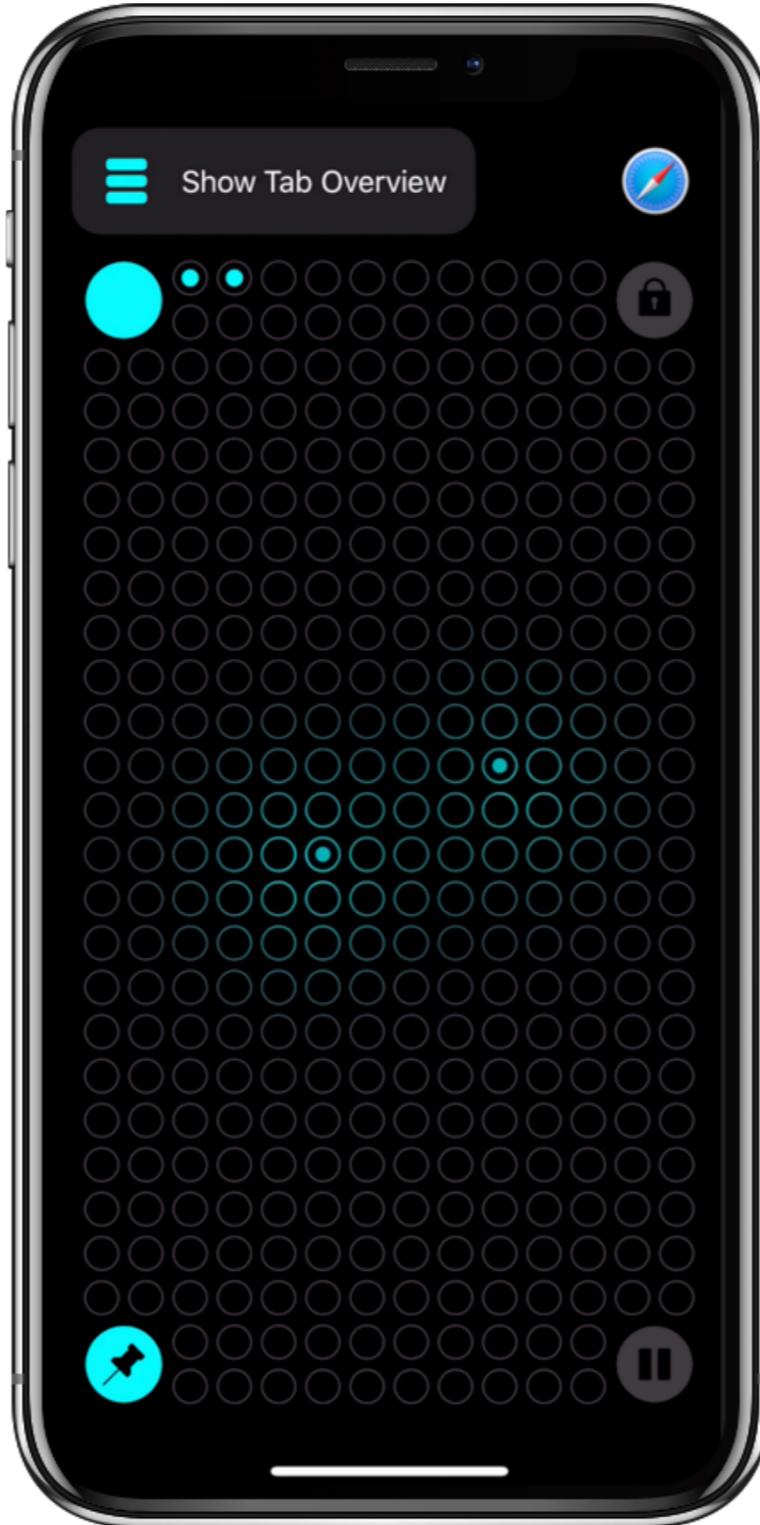
# Gesture Pad

Action Bar ▶

Gesture Type Indicator ▶

Gesture Pad ▶

Pin Button ▶



◀ Current App Icon

◀ Lock Button

◀ Pause Button

Metapad turns your iPhone into a configurable touchpad that recognises tap, double tap, pan and swipe gestures with up to four fingers. The Main Screen of the app consists of the following items:

## Gesture Pad

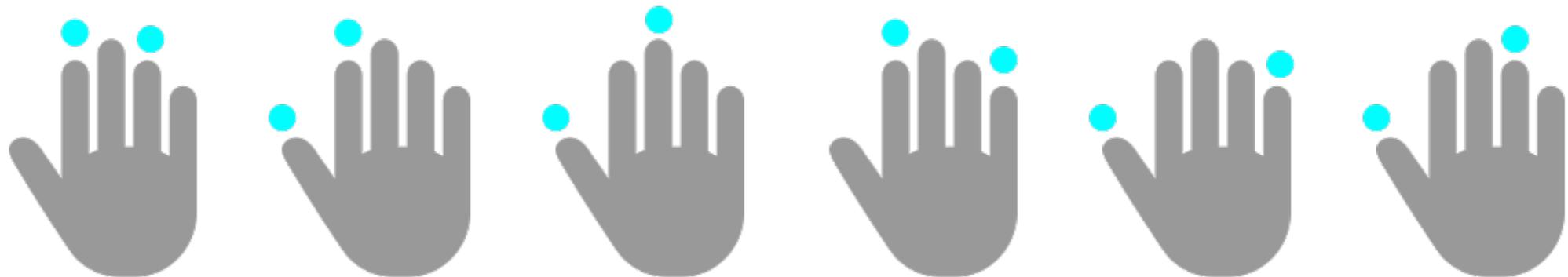
Active screen area that recognizes the gesture you perform and visualizes your touch.

## Gesture Type Indicator

Shows the gesture type you perform (bigger icon) and finger configuration (smaller circles). Metapad supports tap, double tap, pan and swipe gestures and visualizes them with the following icons (arrow directions represent the directions of pan and swipe gestures):



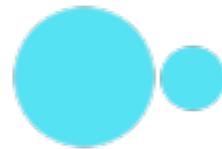
Each gesture type can be performed with 6 finger layout combinations: one finger, two fingers, two fingers spread, three fingers, three fingers spread and four fingers. Here are some possible combinations of two finger spread layout:



And here are the examples of three fingers spread layout:



Here are a couple of examples of the content displayed by the Gesture Indicator:



TAP WITH ONE FINGER



DOUBLE TAP WITH THREE FINGERS



PAN LEFT WITH TWO FINGERS SPREAD



SWIPE DOWN WITH FOUR FINGERS



Metapad has been designed with reliability and precision in mind. Sometimes, however, it may fail to recognize your gesture due to unsupported finger movement, dirty screen etc. - in such a case the gesture indicator will not show any information - you will only hear a dedicated sound informing you that the gesture has not been recognized.

## Action Bar

Each gesture can trigger a macro (one or more actions in sequence). For your convenience Metapad shows the respective information in the top section of the screen. The **Action Bar** can be scrolled left and right when there are multiple actions in the macro.

## Pin Button (bottom left corner)

By default, gesture and action information fade out after a short while on each gesture trigger. If you want to keep the information permanently displayed on the screen, tap the **Pin** button.

## Pause Button (bottom right corner)

The **Pause** button temporarily blocks outgoing actions. This is useful when you are editing and testing gesture assignments.

## Lock Button (top right corner)

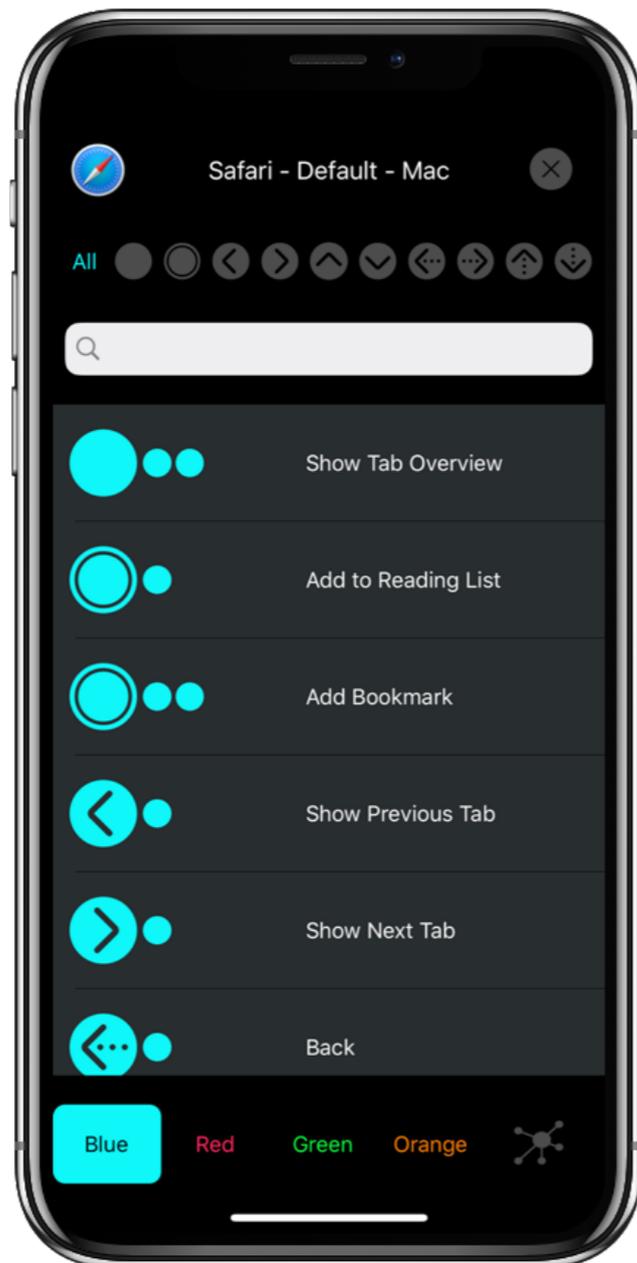
By default, Metapad automatically responds to application-in-focus change on your computer. To lock Metapad to a particular application on your computer, tap the **Lock** button. Now macros are executed in the selected application even if it is in the background.

## Edit Button (top right corner)

With the **Pin** button disabled, the **Edit** button shows the **Workspaces** screen where you can add/set up workspaces for your favourite applications and then configure the gestures. With the **Pin** button enabled, it shows the **Macro** screen where you can configure the macro for the last triggered gesture.

## Application Icon

By default, Metapad automatically responds to application-in-focus change on your computer. In the very top right area of the screen Metapad shows the icon of the application that is currently in focus on your computer or the application that has been locked with the Lock button. Tapping the icon will display the Gesture Set Preview screen shown below.



## Gesture Set Preview

Shows all gestures with macros defined for the given application (more information on gesture sets can be found here). You can filter the content by gesture type, layer (for more information on layers, see "Layers" on page 12 below) or search them by the action name. Additionally, you can display gestures for Omni Mode (for more information on the Omni Mode, see "Omni Space" on page 14). Tap a gesture to display the Macro screen where you can edit actions triggered by the selected gesture.

## Layers

Metapad features four layers: **BLUE** (default), **RED**, **GREEN** and **ORANGE**. Each layer provides a separate gesture area for each application giving you 60 gestures per layer. This enables you to create dedicated workspaces for functional areas of your application: for example recording, editing, mixing etc. Enable each layer with a long press (using one finger for **RED**, two fingers for **GREEN** and three fingers for **ORANGE**). To go back to **BLUE** (default) layer, perform the long press gesture for the current mode or long press with two fingers spread. Each layer change is accompanied with haptic feedback.



Metapad remembers your mode selection for each application and switches to the mode you used last for the application in focus.

## Feedback

Apart from visual feedback (gesture pad touch response, gesture indicator and action bar information), Metapad responds with sounds to your actions. Each gesture type has its own sound, and the failure to recognize a gesture is indicated with a distinct beep. Sounds can be switched off.

### *To disable gesture sounds:*

1. Go to **iOS Settings** and scroll to Metapad.
2. Toggle the **Disable Gesture Sounds** switch to turn off the default sounds.

## Edit Flow

Tapping the **Edit** button on the **Main Screen** with the **Pin** button not active will enable you to start the process of configuring workspaces, gesture sets, gestures and macros. The first step is to create/configure a workspace on the **Workspaces** screen.

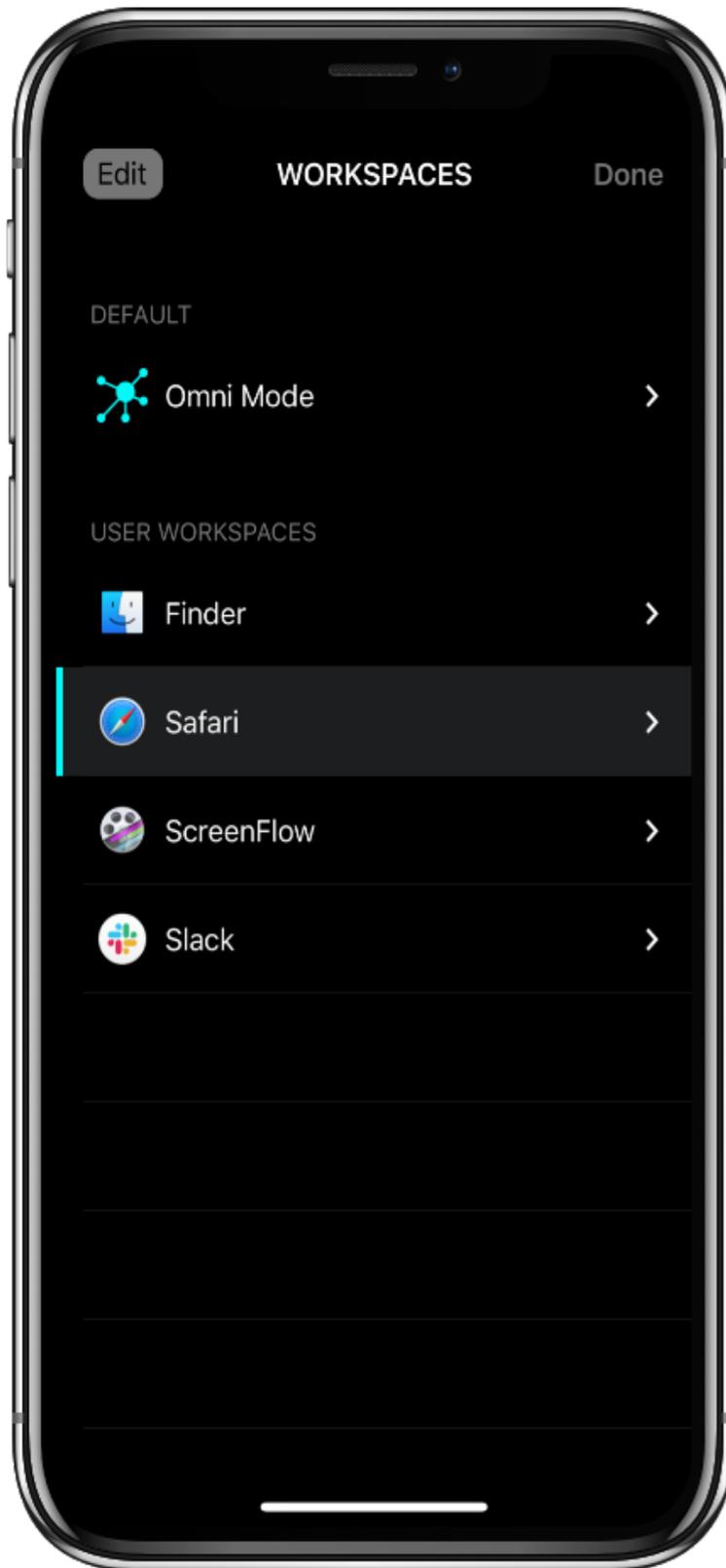
### Workspace

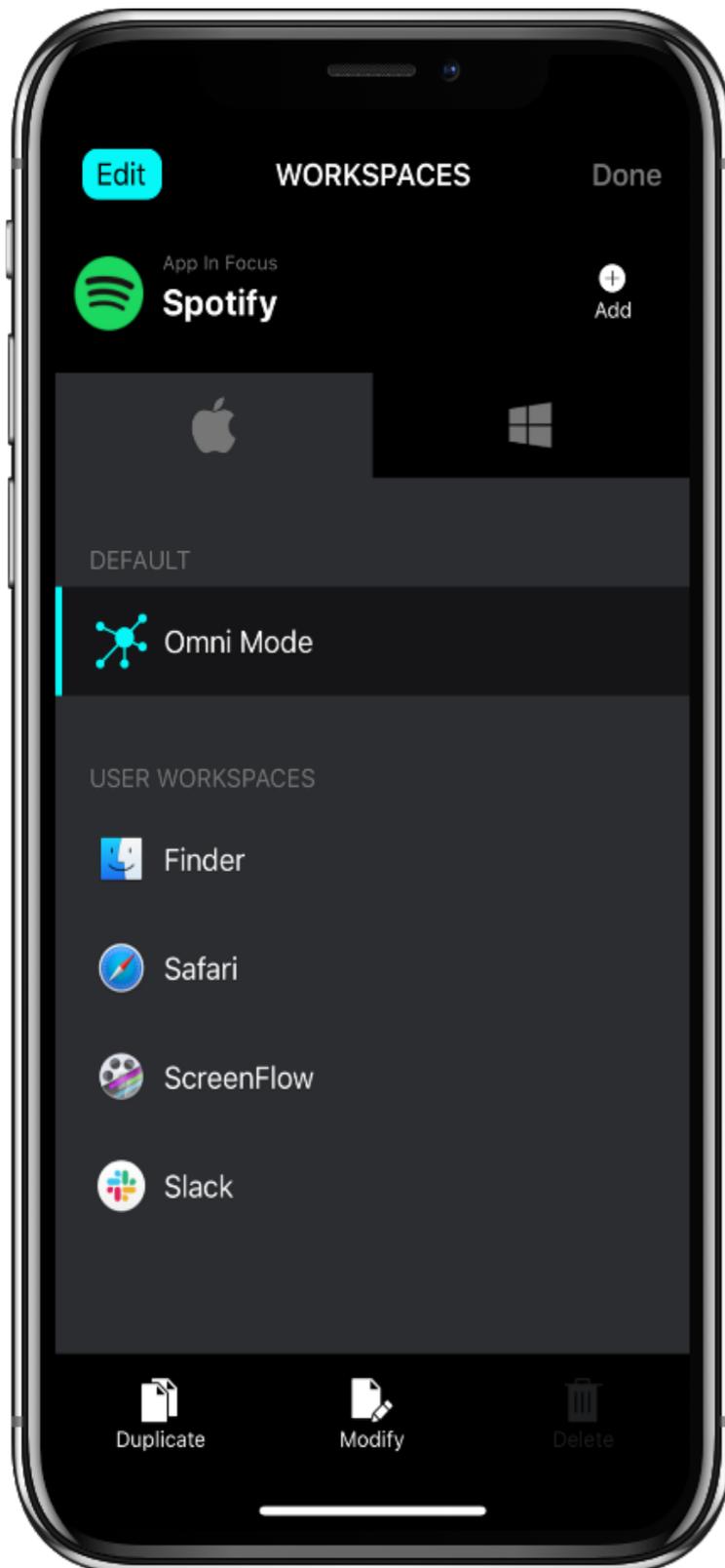
A workspace is an area dedicated to a single application on your computer. It is identified by the name and an icon that correspond to the application on your Mac/Windows machine. Metapad recognizes the current platform (Mac/Win) and by default displays the workspaces created for the identified operating system.

By default, Metagrid comes with already created workspaces for popular Mac/Windows applications so you can start using the app right after you install it on your iPhone.

### Gesture Set

Each workspace contains at least one gesture set - a container for your gestures. When you create a workspace, it comes with a default empty gesture set. However, you can import/export gesture sets, preview them and enable them as needed for each workspace.





## Omni Space

Metapad comes with a special workspace called Omni Space. It lets you configure gestures with global macros that apply to all applications on your computer. When you trigger a gesture, Metapad first checks if there is an **Omni Space** macro for the gesture, and triggers it if found. If no macro is found, Metapad triggers the actions assigned to the gesture for the application in focus (if any).

### *To add a new workspace:*

1. Click Edit in the top left corner. The **Workspace** screen will switch into the workspace edit mode.
2. On your computer, switch to the application you want to create a workspace for.
3. Tap the **Add button** to add the new workspace.

The workspace is automatically created for the current platform. The **Workspaces** screen in the Edit mode enables you to see workspaces created for both platforms. Switch between the Mac/Win tabs to display respective workspaces.

Workspaces can be created for Windows and Mac platforms. By default, when you press the **Add** button, the workspace is assigned with your current platform. You can change this assignment on the **Workspace Details** screen.

To open the **Workspace Details** screen, tap the **Modify** button.

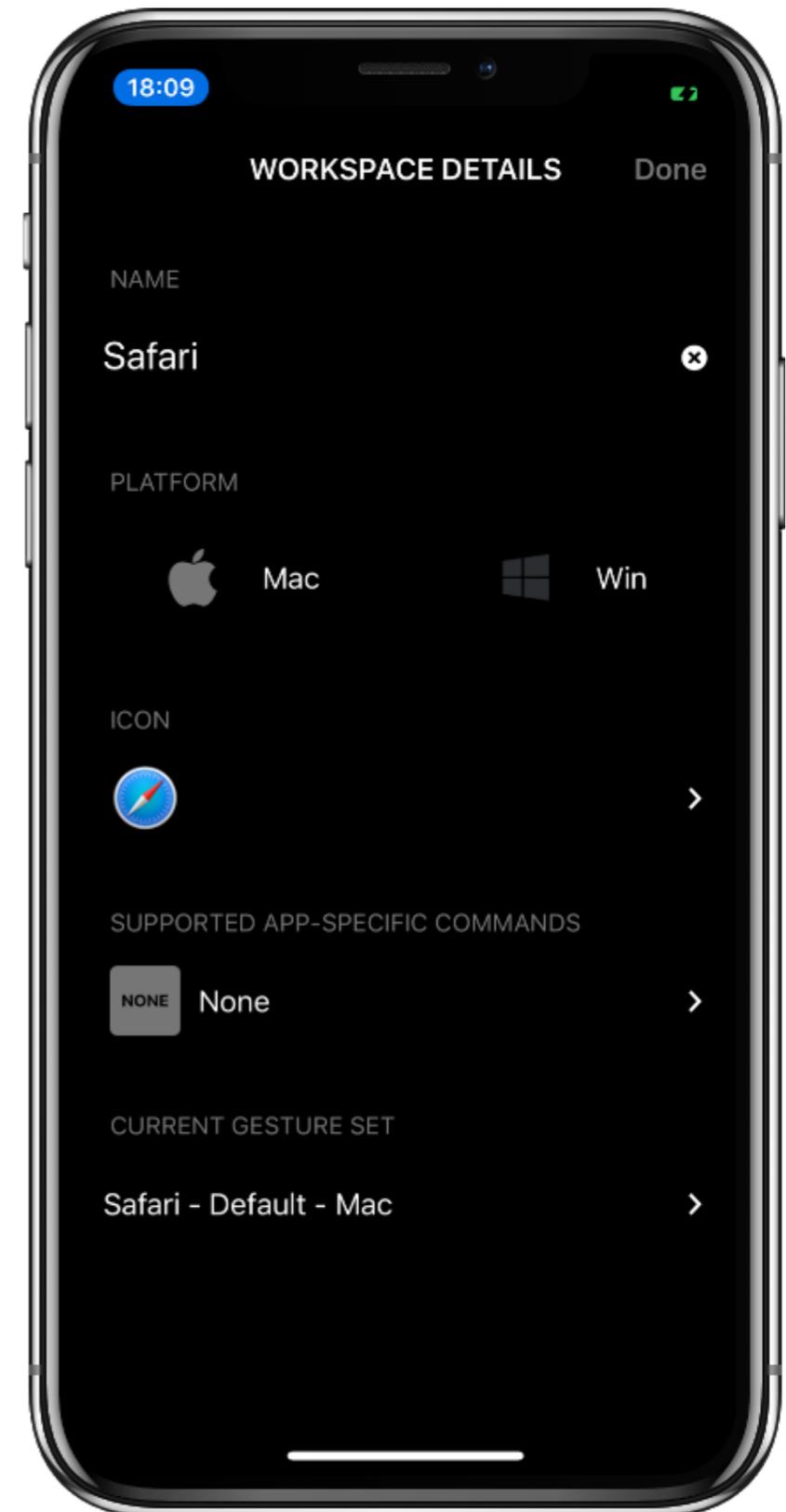


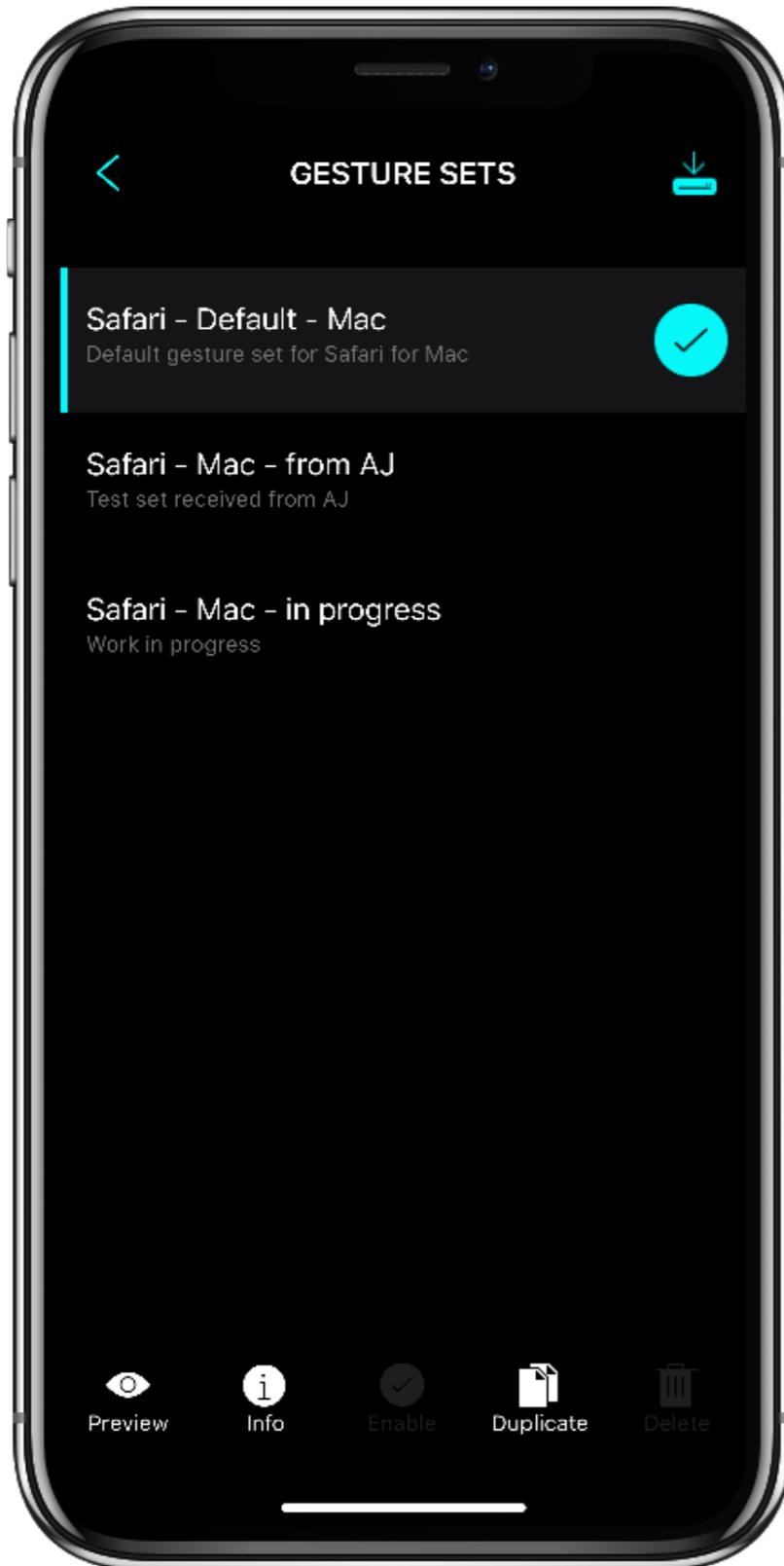
Please note that Metapad recognizes the applications on your computer by their names. When the name of your favourite app changes, for example during version upgrade, and Metapad fails to find the applicable workspace, just change the name of the workspace on the **Workspace Details** screen by tapping the **Name** section and typing a new name.

To change the platform assignment, tap a corresponding item in the **Platform** section.

When you create a workspaces, it is assigned with the icon that corresponds to the respective application on your computer. Should the application developers change the icon in the future, you can change the icon by tapping the Icon section and selecting the right icon from the set of all application icons available on your computer.

Metapad features dedicated support for some popular DAW applications (CUBASE, LOGIC, LIVE, STUDIO ONE, DIGITAL PERFORMER and REAPER). When you add a workspace for one of these applications, Metapad automatically adds the respective command set to the workspace and makes it available as dedicated action type for macro configuration.





## Gesture Sets

To display the **Gesture Sets** screen, tap the **Current Gesture Set** section on the Workspace Details screen.

For each workspace there can be several gesture sets available but only one of them is active at the given time (the checkmark icon on the right of the gesture set name). To enable a gesture set, select it and tap the **Enable** button.

To add a new gesture set, you can duplicate an existing one by tapping the **Duplicate** button or you can import a gesture set from your Dropbox folder by tapping the **Import** button in the top right corner.

To change the name and description, tap the **Info** button.



## Gesture Matrix

To display the **Gesture Matrix** screen tap a workspace on the **Work-space** screen. The screen enables you to select a gesture for which you want to assign a macro.

### *To select a gesture:*

1. Select a layout and a layer (if needed).
2. Tap a gesture type to go to the **Macro** screen for the selected gesture.

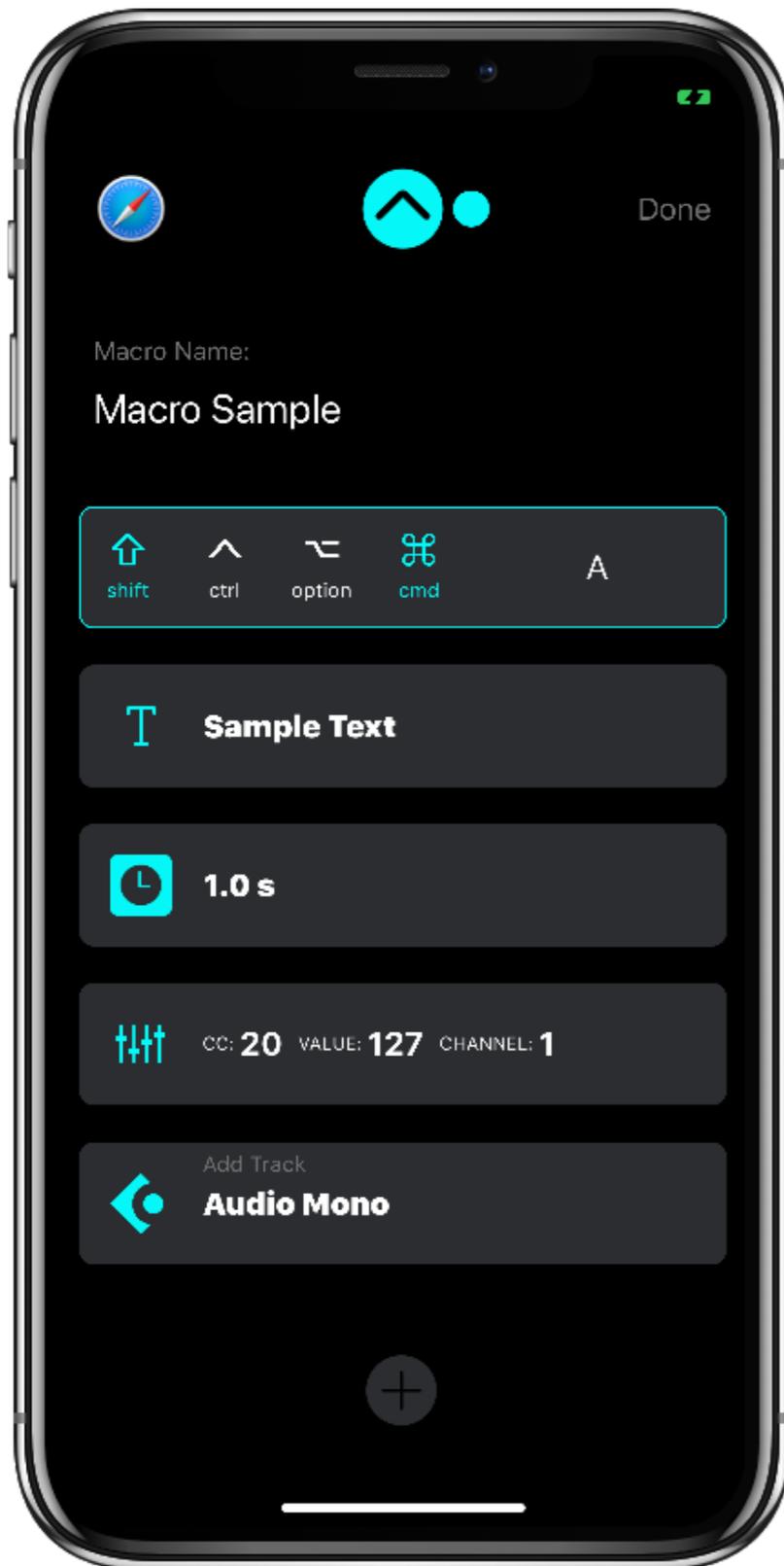
The gestures with assigned macros are marked with a blue dot.

For pan gestures, it is possible to set the sensitivity parameter - the interval at which the macro is triggered when you move your finger.

### *To set sensitivity for a pan gesture:*

1. Long press a pan gesture icon.
2. The **Sensitivity** screen will appear with a slider.
3. Set the slider at one of 5 positions and test if the sensitivity is suitable for your needs.

Vertical lines on the right side of pan gesture icons indicate the current sensitivity level set for each pan gesture. The sensitivity settings are saved for each pan gesture so you can easily adjust it for each action performed on your computer.



## Macros

To assign a macro to a gesture you need to tap a gesture type icon on the **Gesture Matrix** screen. You will see the **Macro** screen where you can add actions to the macro, specify the name for the macro and export/import the macro.

In the top section there are the following items:

### Application Icon

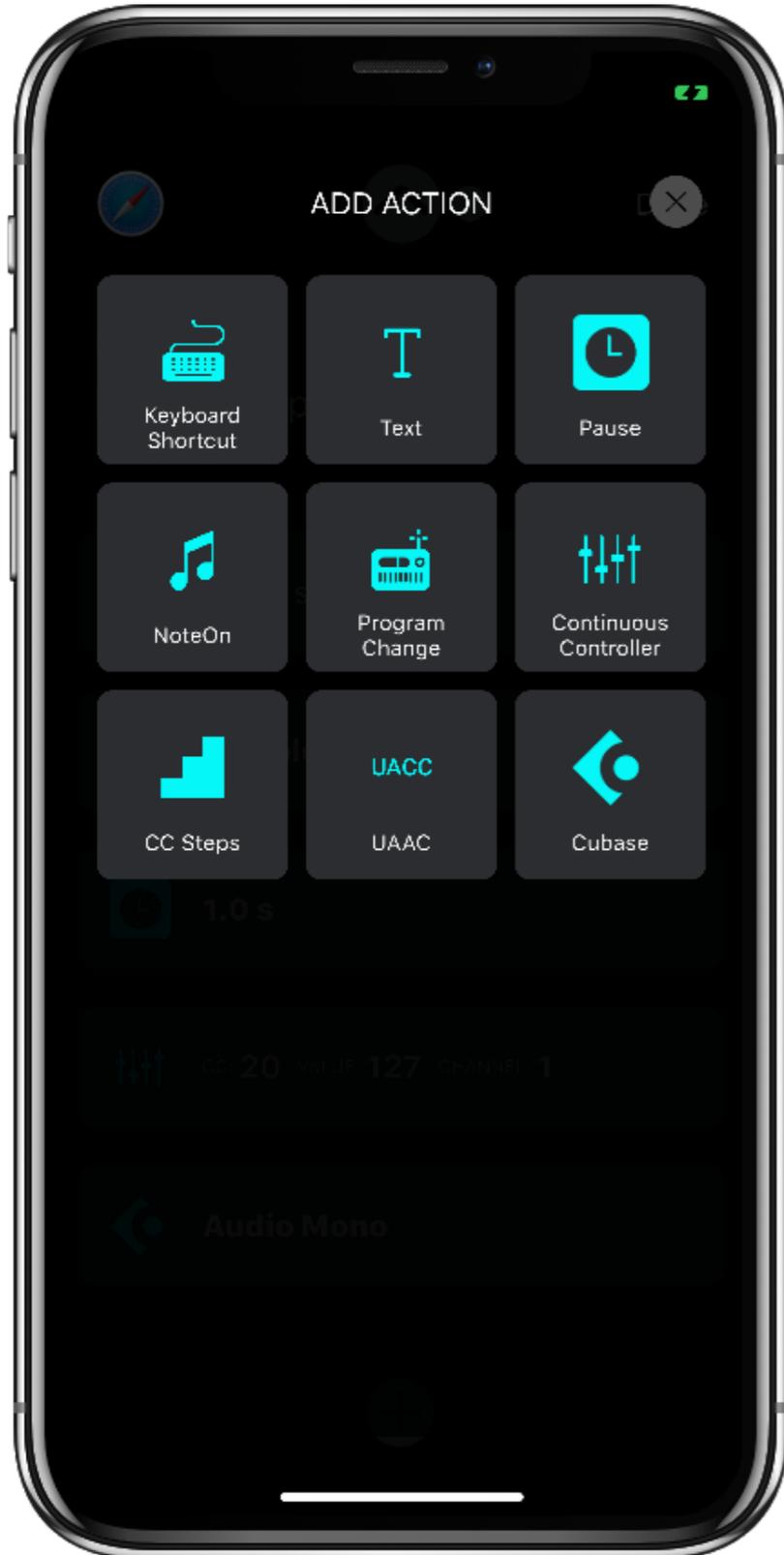
It indicates the edited workspace. Tapping the icon will display the action sheet with **Copy**, **Export**, **Import** and **Reset** commands.

### Gesture Indicator

The gesture indicator corresponding to the gesture selection you have made on the **Gesture Matrix** screen. If the edited workspace matches with the application that is currently in focus on your computer, the gesture indicator is highlighted (the color corresponding to the selected layer), which means that you can tap it to perform the action on your computer without leaving the macro screen.

*To add an action to the macro:*

1. Tap the + button. The **Add Action** screen will appear.
2. Select action you want to add.



There are 9 action types you can choose from:

### Keyboard Shortcuts

Sends a Mac/Win keyboard shortcut.

### Text

Sends any text to your favorite application.

### Pause

Pauses macro execution for the specified time.

### Note On

Sends MIDI Note On message on a specified MIDI channel for Meta-system MIDI device.

### Program Change

Sends MIDI Program Change message on a specified MIDI channel for Metasystem MIDI device.

### Continuous Controller

Sends MIDI CC message on a specified MIDI channel for Metasystem MIDI device.

## CC Steps

Sends MIDI CC message with a variable value on a specified MIDI channel for Metasystem MIDI device. There are two types of behaviours: increment/decrement by a given value or cycle between predefined values from the range. The action depends on the number of values chosen on the **MIDI Value Steps** screen. If you select one value, the gesture will increment/decrement the CC value by the selected value. If you select more than one value, the gesture will increment/decrement the value applying the next value from the specified range. Tap the up/down arrow icon to specify if you want to increment/decrement the value.

## UACC

Sends a MIDI CC value corresponding to the selected articulation type specified by the UACC system used by Spitfire Audio to control articulations for their orchestral sample libraries.

## App-specific Command

Metapad features deep integration with some DAW applications (CUBASE, LOGIC, LIVE, REAPER, DIGITAL PERFORMER and STUDIO ONE). It provides comprehensive sets of commands for these applications so you don't have to make any keyboard shortcuts or MIDI assignments to trigger specific actions in your favorite DAW. The available set for the gesture depends on the selection made on the **App-Specific Commands Screen (Workspaces > Edit > Modify > Supported App-Specific Commands)**. The workspaces created for the above applications have appropriate commands sets enabled by default.

To remove an action, swipe right and tap **Delete**.

To copy, paste or duplicate an action, swipe left and tap **Copy, Paste** or **Clone**.

# Dropbox Sync & Export/Import

Metapad supports Dropbox sync, which means that all changes will be automatically propagated to all your iPhones with Metapad with **SYNC** option enabled.

*To enable Dropbox sync:*

1. On the **Connection** screen toggle the **Sync** switch.
2. A default window for Dropbox authentication will open. Follow all the steps to log in your Dropbox account and register Metapad app. You need to follow this procedure only once.

Apart from automatic sync between the devices, you can also import/export gesture sets and macros to/from your Dropbox folder. The files are saved in Gesture Sets and Macros folders in the Metapad folder with .gset and mmacro extensions.

*To export a gesture set:*

1. Tap the **Edit** icon on the **Gesture Pad** screen. The **Workspaces** screen will open.
2. Tap the **Edit** button in the top left corner.
3. Select the workspace for the application with the gesture set you want to export.
4. Tap the **Modify** button to open the **Workspace Details** screen.
5. Tap the gesture set name in the **Current Gesture Set** section. The **Gesture Sets** screen will open.
6. Tap the **Info** button. The **Gesture Sets** screen will open.
7. Tap the **Export** button in the top left corner of the screen.

*To import a gesture set:*

1. Tap the **Edit** icon on the **Gesture Pad** screen. The **Workspaces** screen will open.
2. Tap the **Edit** button in the top left corner.
3. Select the workspace for the application with the gesture set you want to export.
4. Tap the **Modify** button to open the **Workspace Details** screen.
5. Tap the gesture set name in the **Current Gesture Set** section. The **Gesture Sets** screen will open.
6. Tap the **Import** button in the top right corner. The **Gesture Set Import** screen will be displayed with the list of all gesture sets available in your Dropbox folder.
7. Select the gesture set you want to import. It will be added to the gesture set list. You can preview the gesture set to see the assigned gestures and enable it as the active gesture set for the selected workspace.



Make sure the gesture set you import was made for the workspace (application) - otherwise the gesture assignments (keyboard shortcuts, MIDI messages) may trigger unexpected actions on your computer.

*To export/import a macro:*

1. Tap the **Edit** icon on the **Gesture Pad** screen. The **Workspaces** screen will open.
2. Select the workspace for the application with the macro you want to export. The **Gesture Matrix** screen will open.
3. Select a touch type and a layer (if needed), and choose the gesture type. The **Macro** screen will open.
4. Tap the app icon in the top left corner and choose **Import** or **Export**.
5. Tap the **Info** button. The **Gesture Set Editor** screen will open.

# App-specific Setup

Metapad enables you to create app-specific actions based on predefined commands sets for `LOGIC X PRO`, `CUBASE`, `ABLETON LIVE`, `DIGITAL PERFORMER`, `REAPER` and `STUDIO ONE`. There are a few additional configuration steps needed, though. First you need to set up your DAW application by adding the provided support files. The required files can be downloaded from the **Download** section at [www.metasystem.io](http://www.metasystem.io).

App-specific commands are handled by dedicated plugins, devices or keybiding files depending on your DAW application. For example, in `LOGIC` it is a dedicated plugin bundle file, in `CUBASE` - Generic Remote devices. However, in all cases Metapad sends MIDI CC messages through Metaserver's dedicated MIDI ports that trigger respective commands hard-coded in the support files. Each time you perform a gesture assigned with an app-specific command, your DAW is responding to a MIDI CC command received on the dedicated MIDI port. This way Metapad can control for example Cubase and DP opened on the same computer without any routing issues. Additionally, you can use Metasystem MIDI port to send some generic MIDI messages to the specified DAW.

Copy **App-Specific Files** folder to a temporary location on your computer. You will find folders for the supported DAW applications. Follow the setup procedure below corresponding to the DAW application of your choice.

## MIDI SETUP (WINDOWS ONLY)

If you use Metapad with a Windows machine and you want to use MIDI or app-specific commands, you need to:

1. Install **LoopMIDI** application on your machine- a free virtual MIDI cable software (you can download it from [here](#)).
2. Open **LoopMIDI** and create your ports - e.g. one port for Metasystem MIDI messages and another port for your DAW supported by Metapad like Cubase, Live or Digital Performer. To create a port, click **New port name** text field, type the port name, e.g. *"Metasystem - Cubase"* or *"Metasystem - MIDI"* and click the plus icon.
3. Run Metaserver and then right click the Metaserver icon in the Windows task bar. Choose **Port Setup...** You will see a dialog box that enables you to pair your virtual MIDI ports with Metagrid ports for MIDI actions and each supported DAW or MIDI.
4. Proceed with app-specific setup instructions for your DAW below.

FOR DIGITAL PERFORMER, name your port *"Metasystem - DP - In"*. This port is hard-coded into the DP key-bindings file that needs to be imported to make Metagrid work with this DAW.

## LOGIC X PRO (Mac only)

The package contains the bundle file (Metasystem.bundle) needed for LOGIC PRO X, which needs to be added to LOGIC PRO X application package.

In Apple Finder:

1. Copy the provided **Metasystem.bundle** file.
2. Go to **Applications** and find **Logic Pro X**.
3. Right click on **Logic Pro X** icon and click **Show Package Contents**.
4. Navigate to **MIDI Device Plug-ins** folder and paste Metasystem.bundle file.

In Logic X Pro:

1. Go to **Logic Pro X > Control Surfaces** on the menu bar and click **Setup**.
2. Click **New/Install**.
3. Navigate to **Metasystem.io** and click this item **Metasystem**.
4. Click **Add** and close **Install** window.
5. In **Control Surface Setup** window set **Input Port** to **Metasystem - Logic Pro X - In**.

Anytime Metapad seems to have communication problems with Logic, go to Logic's **Control Surface Setup** and check if there is an exclamation mark on the icon. Reassign the ports and you are ready to go.

## CUBASE

You need to import the provided Metasystem1.xml, Metasystem2.xml and Metasystem3.xml files in Cubase. To do this:

1. Go to **Devices > Device Setup**.
2. Click the **+** icon in the upper left corner. The list with predefined controllers will appear.
3. Choose **Generic Remote**.
4. Click **Import** and import the provided **Metasystem.xml** file.
5. For Metasystem1.xml and Metasystem2.xml Set **MIDI INPUT/OUTPUT** ports as **Metasystem - Cubase - In/Out** (Mac) or the port you have created in LoopMIDI for Cubase (Windows).
6. For Metasystem3.xml file set the ports as **Metasystem - MIDI - In/Out** and **Metasystem - MIDI - In/Out**. Please note that this file is responsible for selected channel commands (volume, pan) and supports bi-directional communication.

You also need to exclude metasystem's MIDI input port from the MIDI ports visible in **All MIDI Input** group in Cubase. To do this:

1. Go to **Device Setup>MIDI Port Setup** (under **MIDI** folder).
2. Uncheck the checkbox in **In All MIDI Inputs** column that correspond to **Metasystem - Cubase - In** (Mac) or the port you have created in **LoopMIDI** for Cubase (Windows).

If you don't follow this procedure, you can experience MIDI feedback on MIDI tracks. Don't exclude **Metasystem - MIDI - In** or the port you have created in LoopMIDI for Metasystem MIDI if you want to receive actions with MIDI messages.

Metapad also features additional resources for Cubase:

- **Custom Macros** - 100 items with pre-assigned MIDI messages that you can use for your custom LE and PLE macros in Cubase. (included in metasytem\_macros.xml Generic Remote file)
- **Scene Macros** - 100 items with that enhance the default visibility features in Cubase (included in metasytem\_macros.xml Generic Remote file).
- **LE Macros** - a dedicated set of over custom 200 LE macros that streamline your workflow in Cubase created by [Luke Johnson](#) (included in the metasytem2.xml Generic Remote file)

To use custom macros in Cubase, you need to download App Specific resources package from [www.metasytem.io](http://www.metasytem.io) and copy the provided LE and PLE folders included in Cubase folder to the following folders on your computer:

**Mac:** <User>/Library/Preferences/Cubase X/Presets

**Windows:** User/AppData/Roaming/Steinberg/Cubase X/Presets

X in the file path should be replaced with the current Cubase version you have installed on your machine.

To assign a macro to a button:

1. Decide which macro item you are going to edit (e.g. Macro 001, which corresponds to **Macro 001** command in **Macros** command category in Metagrid).
2. In the lower pane of **Device Setup** window in **Device** column choose **Command**.
3. In the lower pane of **Device Setup** window in **Channel/Category** column choose **Process Project Logical Editor**.
4. In the lower pane of **Device Setup** window in **Value/Action** column choose your already existing macro.
5. In Metapad, select a gesture for the Cubase workspace, create a macro containing the app-specific action named **Macro 001**. This gesture will trigger the macro you have just assigned in Metasystem for iOS - Macros Generic Remote device.

To create a scene macro in Metapad:

1. In Cubase go to **Edit > Project Logical Editor** and navigate to **Metagrid>SceneXX**.
2. Under **Folder Track** change the string "**--- your folder name ---**" to the name of the folder track in your project that you want to show with your button.
3. In Metapad create the following 5-step macro:
  - **Step 1** - App Specific Command: Metagrid Scenes > -Hide All
  - **Step 2** - Pause: 0.5 s
  - **Step 3** - App-Specific Command: Metagrid Scenes > SceneXX
  - **Step 4** - Pause: 0.3 s
  - **Step 5** - App Specific Command: Metagrid Scenes > -Unfold All Visible

## STUDIO ONE

The package contains Metasystem\_ControlSurface folder with all support files needed for Studio One.

In **FINDER**, copy the content of the folder to the following directories:

1. **Surface Data** folder - copy the content of the folder to:

- **MAC:** /Users/<user name>/Library/Application Support/PreSonus Software/Studio One X/Surface Data
- **Windows:** /Users/<user name>/AppData/Roaming/PreSonus/Studio One X/Surface Data

2. **User Devices** folder - copy the content of the folder to:

- **MAC:** /Users/<user name>/Library/Application Support/PreSonus Software/Studio One X/User Devices
- **Windows:** /Users/<user name>/AppData/Roaming/PreSonus/Studio One X/User Devices

In **STUDIO ONE**:

1. Open **Options** window and go to **External Device** tab.
2. Click **Add...** and navigate to **Metasystem.io** folder and select **Metasystem**.
3. Set **Receive From** and **Send To** to **Metasystem - Studio One - In/Out** (Mac) or the port you have created in LoopMIDI for Studio One (Windows).

## DIGITAL PERFORMER

The package contains DP/Key Bindings folder with the dedicated key bindings file that needs to be imported in DP.

In DIGITAL PERFORMER:

1. Go to **Setup > Commands**.
2. Choose **Import Key Bindings...** from **Mini Menu** (in the upper right corner of **Commands** window).
3. Navigate to the location you saved Metagrid's app-specific files and select `Metasystem_DP_key_bindings.dpkeybind`.
4. Click OK to import the file.

`Metasystem_DP_key_bindings` file does not overwrite any default DP keyboard shortcuts - it just adds MIDI assignments for each available command that are handled by Metaserver's Metasystem - DP - In port.

The predefined viewset for DP includes Layouts scene with 40 buttons named Layout 1 - 40. By default, DP does not feature layout selection commands - they appear in **Commands** window when you create them through **Track Selector** window in DP. However, Metagrid features a dedicated command category name **Layouts** with already assigned MIDI messages that can be used for assignment in **Commands** window. This is very useful for frequently used project templates - you can easily assign the layout buttons to layouts you create in DP.

Make sure all items in **MIDI Masters** section in **Commands** window are checked.

## REAPER

Metapad offers a native support for custom actions in Reaper. To enable the support:

In REAPER:

1. Go to **Reaper Preferences**
2. Click Metasystem - Reaper - In MIDI port.
3. Check Enable input for control messages and click OK.
4. If you want to send MIDI notes, program change and CC messages to Reaper from Metapad, click Metasystem - MIDI - In port and check Enable input from this device.
5. Go to Actions > Show Action List.
6. Click Import/Export button and then click Import command.
7. Navigate to the location where you saved the app-specific resources for Metapad and find the Metasystem keymap file.
8. Click OK. The Action List in Reaper will now feature 382 custom macros that you can customize to your needs.

For more info, watch [Reaper tutorial](#) (the setup procedure is the same as for Metagrid).

## ABLETON LIVE

Metapad features native support for `ABLETON LIVE` with the dedicated control surface device that needs to be installed in Live.

To install the control surface files in `ABLETON LIVE`:

1. Download the App-Specific Resources from [www.metasystem.io](http://www.metasystem.io).
2. Paste the Ableton Live/Metasystem folder to the following locations:
  - **MAC:** go to **Applications** folder, find the `ABLETON LIVE` icon, right click it and click **Show Package Content**. Go to **Contents/App-Resources/MIDI Remote Scripts** folder and paste **Ableton Live/Metasystem** folder from the downloaded App Specific Resources files.
  - **WIN:** `c:\ProgramData\Ableton\Live 9 Suite\Resources\MIDI Remote Scripts\`
3. In `ABLETON LIVE` go to **Preferences > Link MIDI**.
4. In **MIDI** section select Metasystem device from the drop-down menu and assign **Metasystem - Ableton Live - In** and **Metasystem - Ableton Live - Out** ports in **Input** and **Output** columns.
5. If you want to receive MIDI from Metapad for assigning note and CC messages to `LIVE` interface items for example, enable **Track** and **Remote** buttons next to **Metasystem - MIDI - In** and **Metasystem - MIDI - Out** ports.

NOW `ABLETON LIVE` will respond to app-specific actions and will enable you to assign MIDI messages to control its UI items.