

Metagrid 1.5 - What's New

New features:

- Import/export buttons, views and viewsets through Dropbox
- Import/export entire Metagrid database through Dropbox for backup purposes
- Support for Dorico application
- Support for Ableton Live app-specific commands through dedicated control surface device
- Support for UACC (Universal Articulation Controller Channel) support for Spitfire Audio libraries
- Omni Space functionality
- Universal app-lock functionality
- Manual network connection setup

UI/UX Enhancements including:

- Over 1000 new icons
- New view editor screen
- New button editor screen
- New action editor screen
- New connection screen
- Additional gestures for edit related functions

IMPORT/EXPORT BUTTONS, VIEWS AND VIEWSETS THROUGH DROPBOX

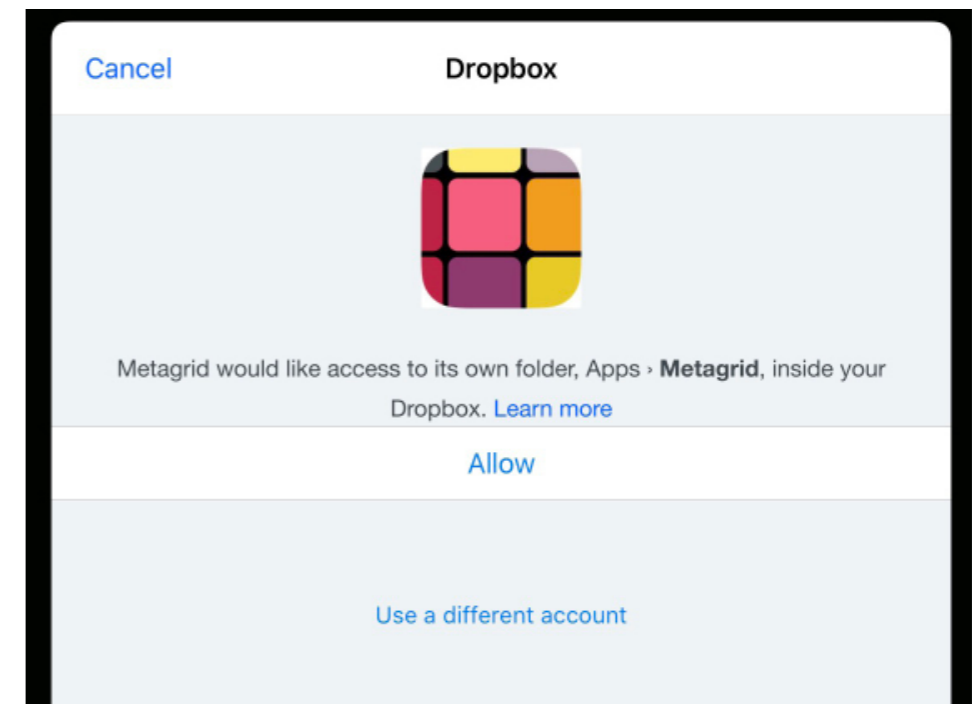
Metagrid 1.5 enables you to import/export buttons/views/viewsets/entire database through Dropbox.

Pre-requisites:

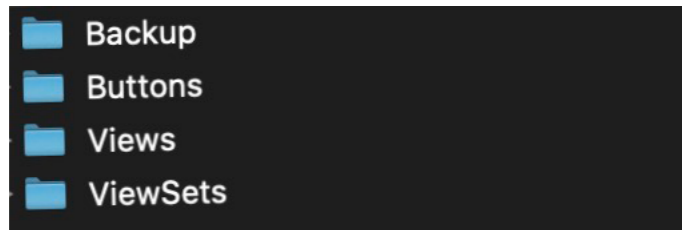
- Active Dropbox account
- Dropbox app installed on your iPad
- The user has logged in to Dropbox through Dropbox iOS app

To add Metagrid to your Dropbox account as a connected app:

1. On Metagrid's **Main Screen**, press **Edit**.
2. Tap **View Editor** in the top left corner to open **View Editor** or tap any button to open **Button Editor**.
3. Press the **Import** or **Export** button located in the **View Selector** screen or the **Button Editor** screen.
4. After a short while, you will be transferred to Dropbox app where you need to tap **Allow** to add Metagrid as a connected app to your Dropbox account.



Metagrid will create the following folders in **Apps > Metagrid** directory in your Dropbox file structure:



/Backup

It stores global backup file called *Metagrid.mbackup* file.

To create the backup file:

1. In Metagrid's **Main Screen** tap **Edit > View Editor**.
2. Touch **Export** and select **Back up Entire Database**.

Every time you select this option in the future, *Metagrid.mbackup* file will be overwritten so it is a good practice to regularly archive this file.

To restore Metagrid database from backup, touch **Import** in the **View Editor** and select **Restore Database from Backup**.



Restore Database from Backup will overwrite entire database with all viewsets and scenes for all applications.

/Buttons

It contains *.mbutton* files created when you export individual buttons from the **Button Editor** screen. The file name looks as follows: *<APPLICATION>_<button name>.mbutton*.

/Views

It contains *.mview* files created when you export individual views from the **View Editor** screen. The file name looks as follows: *APPLICATION_viewName.mview*

ViewSets

It contains **.mvset** files created when you export complete viewssets from the **View Editor** screen. The file name looks as follows: **<APPLICATION>.mvset**

You can share the exported files with other users. To import files received from other users, place the files in appropriate folders above - they will then appear on the **Import** screen in Metagrid.



If you have an exported button, view or viewset created for the application with app-specific command support in Metagrid and try to import it for the application that doesn't support these commands, app-specific actions will be REMOVED.

SUPPORT FOR STEINBERG DORICO APPLICATION (MAC/PC)

Metagrid now offers dedicated support for Dorico including over 400 music notation icons based on Bravura font and app-specific commands. App-specific commands are created by parsing Dorico key-command_en.json files. Dorico stores the keycommand in the following locations:

Default key commands:

Mac: Applications > Dorico 3 > Contents > Resources

Win: main user directory

User-defined key commands:

Mac: <User> > Library > Application Support > Steinberg > Dorico 3

Win: c:\Users\UserName\AppData\Roaming\Steinberg\Dorico

On launching, Metaserver (our server app running on your computer) parses these two files and outputs the complete list of Dorico commands which have keyboard shortcuts assigned. When Metagrid connects to Metaserver, it receives the list of commands that is then presented to the user when they edit an app specific command for Dorico.



The command set in Metagrid is updated upon Metaserver and Metarid restart, so when you update the keyboard assignments, remember to relaunch both apps to refresh the Dorico commands list in Metagrid.



We did our best to provide advanced integration with Dorico but because the app-specific commands in Metarid are based on the data fed from the external files, it has one short-coming: when you add the Dorico app-specific command to a button and then change the keyboard assignment for this command in Dorico, which is then reflected in Metagrid's list of commands, the button data are not updated - it will still send the original assigned keyboard command. You need to update it manually by removing the app-specific action and adding a new one.

There is a dedicated Dorico section in Metaserver Setup pane with the data entry field that enables you to point the location of user's custom keycommand_en.json file for testing purposes or if the default file path changes in the future. By default, there is no need to use this field - Metaserver automatically looks for this file in the Dorico default location.

SUPPORT FOR ABLETON LIVE

Metagrid now 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.
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.

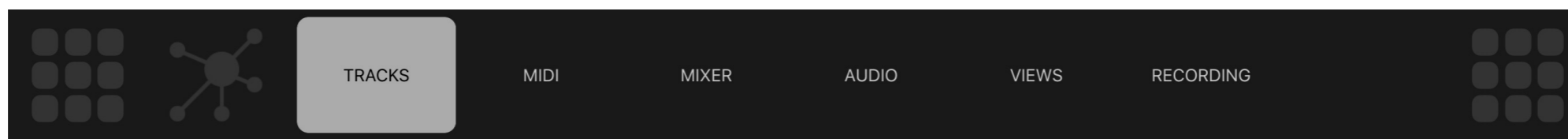
NOW ABLETON LIVE will respond to app-specific actions and will enable you to assign MIDI messages to control its UI items.

SUPPORT FOR UACC (UNIVERSAL ARTICULATION CONTROL CHANNEL)

Now Metagrid features UACC action that enables the user to add a preassigned command that will trigger a specific articulation in Spitfire Audio's instruments. The names of the articulations and respective commands are based on Spitfire Audio's specs available on-line.

OMNI SPACE VIEWSET

Metagrid now offers a dedicated viewset that doesn't react to changing app in focus on your computer and can be displayed regardless of the application that is currently in focus on your computer. To access the Omni Space viewset, press the **Omni Space** button (the second button on the left on the **Scene Bar**). Omni Space is a useful tool to create a universal workspace for system-wide commands like app switching, opening files or commands that you want to have available in all applications.



UNIVERSAL APP LOCK FUNCTIONALITY

Metagrid now enables you lock the viewset and block app switching for all apps - not only the apps with dedicated app-specific commands. Now you can basically lock any app and trigger commands even if it is in the background. To lock the app, double tap the app icon on the navigation bar or swipe down with two fingers on the commands grid.

MANUAL NETWORK CONNECTION SETUP

You can now use the manual setup option to connect your computer and iPad on the same WiFi network. This functionality is very useful when your computer is not detected automatically.

To add a computer using the manual setup option:

1. Launch Metagrid and tap **Add Computer...** on the **Connection** screen.
2. On Mac/PC click **Metaserver > Setup > Network**. You will find there your current IP addresses and the QR code.
3. Choose either **QR Code** or **Manual Setup**.
4. Scan the QR code or enter the IP data/computer name manually.
5. Your computer will be added to the list of available computers on the **Connection** screen. Tap it to connect.

To remove the computer that has been manually added or edit its network parameters, swipe left and tap **Remove** or **Edit**.

UX/UI ENHANCEMENTS

Metagrid 1.5 brings some massive UX/UI changes for the main editor sections of the applications:

- New **View Editor** screen with the view preview
- New **Button Editor** screen with buttons scroll bar and assigned actions sections
- New **Macro Editor** screen available from the **Button Editor** screen

Metagrid 1.5 features also other UI enhancements:

- New **Connection** screen
- over **1000 brand new icons** that replaced the original universal icon set
- Metagrid now displays **app icons** on the navigation bar and in other places of the app

Metagrid 1.5 adds following gestures that streamline user actions:

- **swipe down/up with three fingers** on the button grid enables Edit mode (same as pressing Edit)
- **swipe down/up with two fingers** locks/unlocks the applications
- **swipe left with two fingers** preforms the go back operation with the active subview