



Cadac CM-Meters



iPad / Mac Console Metering App Overview

Quick Start Guide



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CM-Meters App - Introduction

Cadac Consoles' CM-Meters gives you a clear, real-time view of the metering of the Cadac CM-J50 digital audio mixing console, on either iPad or Mac.

Once the CM-Meters App is installed on either an iPad or Mac and on the same Wi-Fi network as the console, CM-Meters displays the console's live input and output levels. View all inputs and outputs at once, focus on just the inputs or just the outputs, or build a custom combination of the channels and busses to monitor. Metering can be shown pre or post fader, so signal can be monitored as it arrives at the desk or after the mix.

A choice of views:

- Overview: every input and output on a single screen.
- Inputs: all input channels.
- Outputs: all output busses, including auxes, groups and matrices.
- Custom: select your own combination of inputs and outputs, chosen in Settings.

Choose the size of meters to suit the device and the viewing distance, switch between:

- Small
- Medium
- Large
- Extra-large

The App supports iPadOS 16.6 or later and macOS 13.5 or later and can be found on the Apple App Store by searching for **Cadac: CM Meters** or via cadac-consoles.com.

CM-Meters connects wirelessly via a router to the Cadac CM-J50 digital audio console and is built to support both iPad and Mac devices via Open Sound Control (OSC). The App can run on multiple devices at the same time.

Demo mode: Selecting Demo mode runs the App with simulated metering, so all views and settings can be explored without a console connected.

NOTE: This App will not work with the CDC series of consoles.



Devices Supported



1: CM-Meters - Mac Version - macOS 13.5 or later



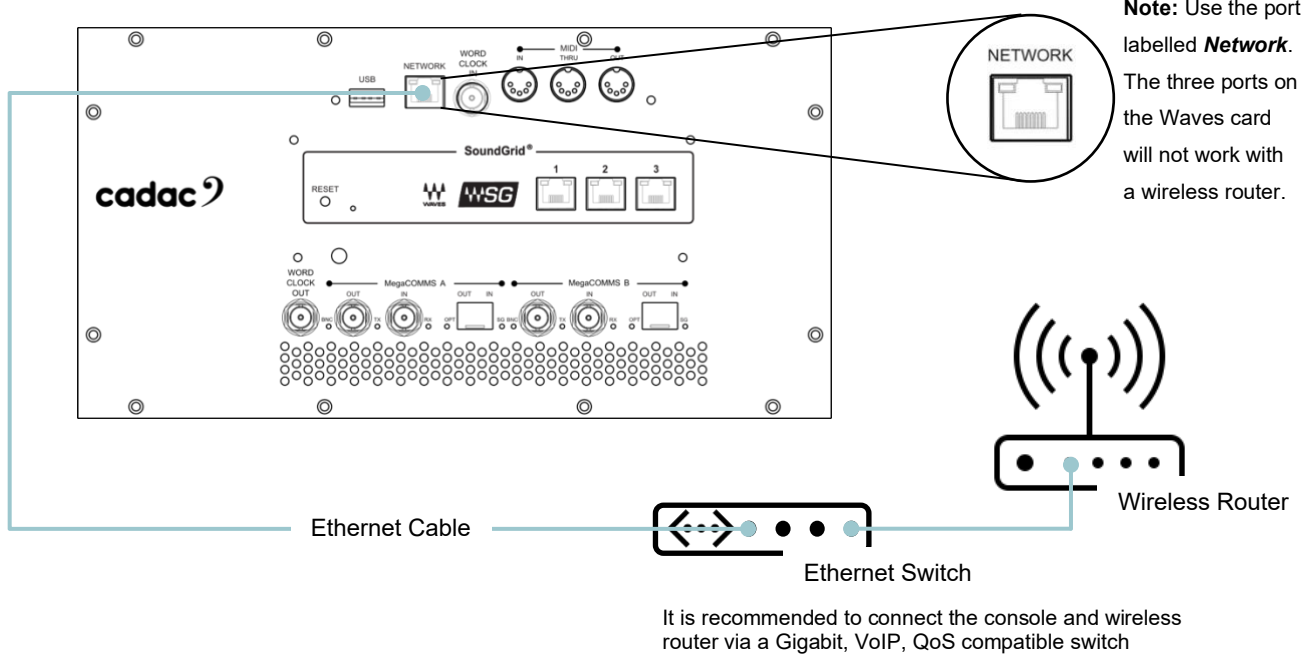
2: CM-Meters - iPad Version - iPadOS 16.6 or later



Connecting a Wi-Fi Router

Connect the wireless router to the CM-J50. Use the Ethernet port labelled **Network** on the rear of the console. Note: the three ports on the Waves card cannot be used for a wireless router.

It is recommended that the console and the wireless router are connected via a Gigabit switch that supports VoIP and QoS.



IMPORTANT NOTE:

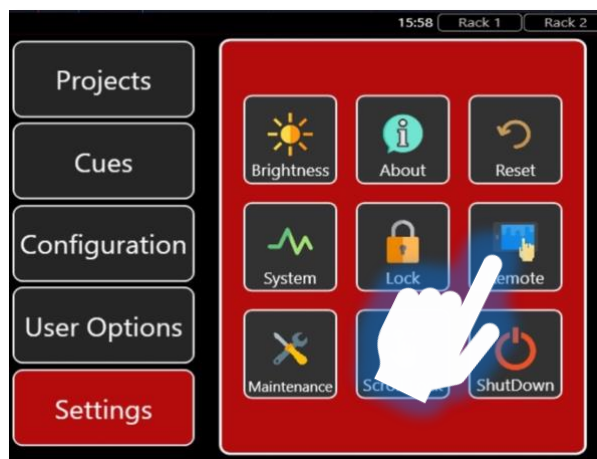
Make sure the wireless router is plugged into the console and powered up before the console is powered up.



Network Selection

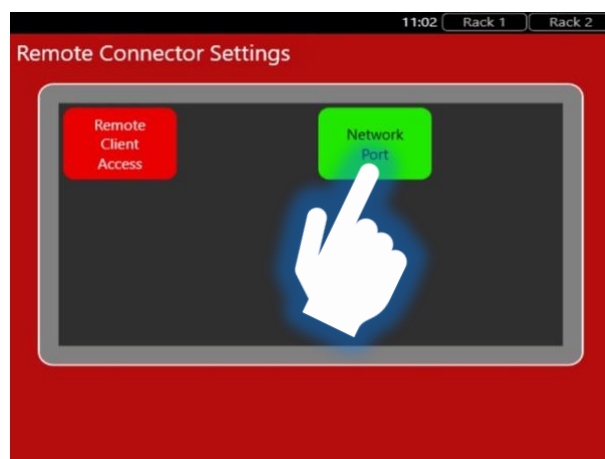
The console now needs to be configured to use the Network Ethernet port that is connected to the wireless router. This is done via the “Settings Menu” on the console’s 6.5” screen.

On the Settings Menu select “Remote”:



3: Settings Menu

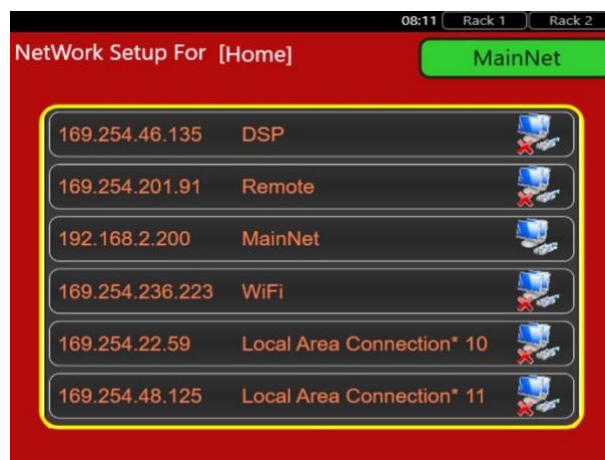
This will bring up the “Remote Settings” page, select “Network Port”:



4: Remote Settings page



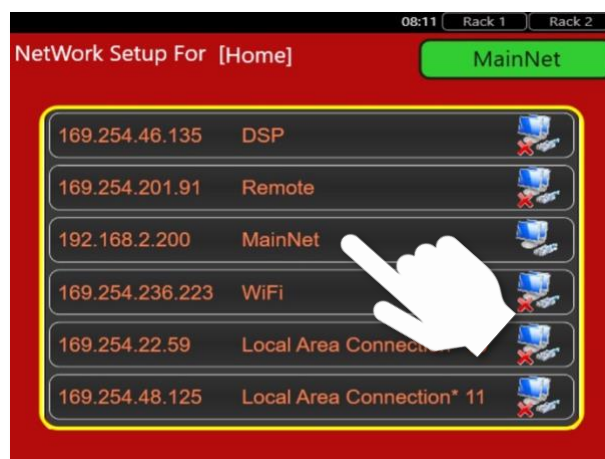
This will bring up the “Network Setup” screen:



5: Network Setup Menu

This screen displays a list of all Ethernet network adapters on the console; this will vary depending on the console’s configuration.

Select the correct adapter; if the selected adapter has the “UP” status and is available to use, it will appear in the top right-hand corner with a green background, as shown above. If the adapter does not have the “UP” status, it will be displayed with a red background.



6: Network Setup Menu

The console will now have access to the Ethernet Port with the wireless router attached.

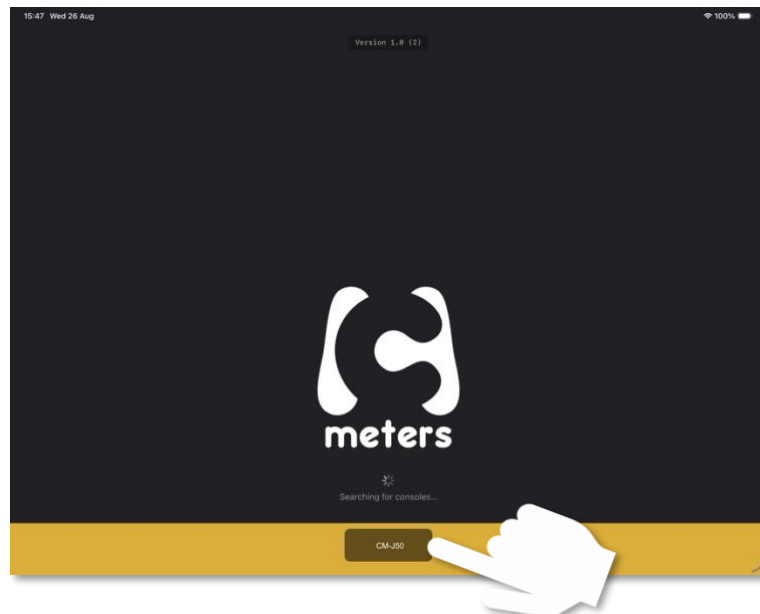
Connect the iPad or Mac to the same wireless network as the console.



The CM-Meters App

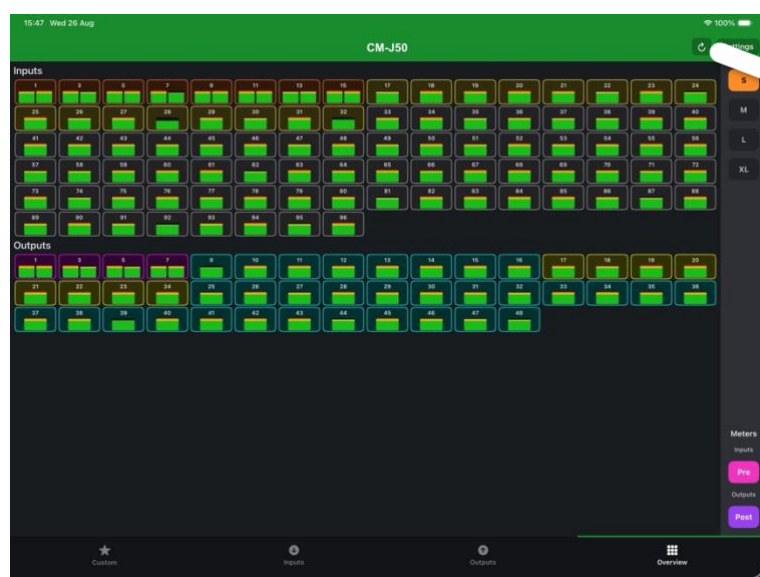
Console Connection

Once the CM-Meters App is open it will find all available consoles. Select the required console.



7: Select the console for the App connect to

When the iPad or Mac is connected to the console, the CM-Meters App will receive all the input and output metering information from the console and automatically build the metering page. If the page fails to build correctly, press the Refresh icon (the circular arrow, top right, next to "Settings") and the App will request again the metering information from the console.

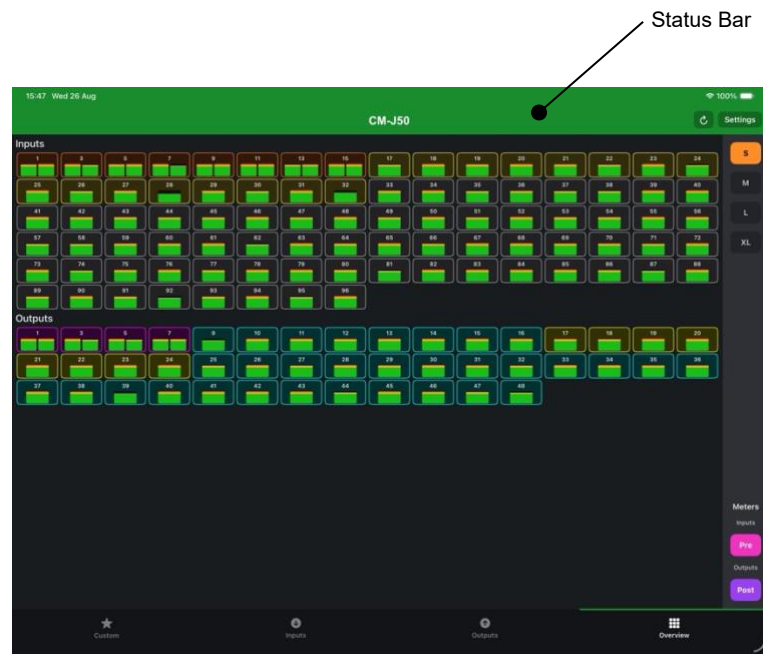


8: Refresh the App

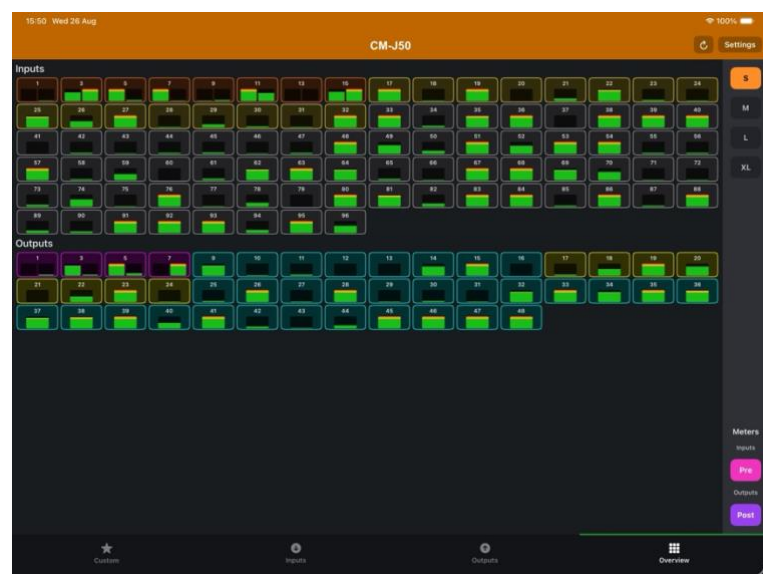


Network Status

A good Wi-Fi connection is indicated by the status bar turning Green (Orange means a weak connection and Red is a failed connection) on the iPad or Mac:

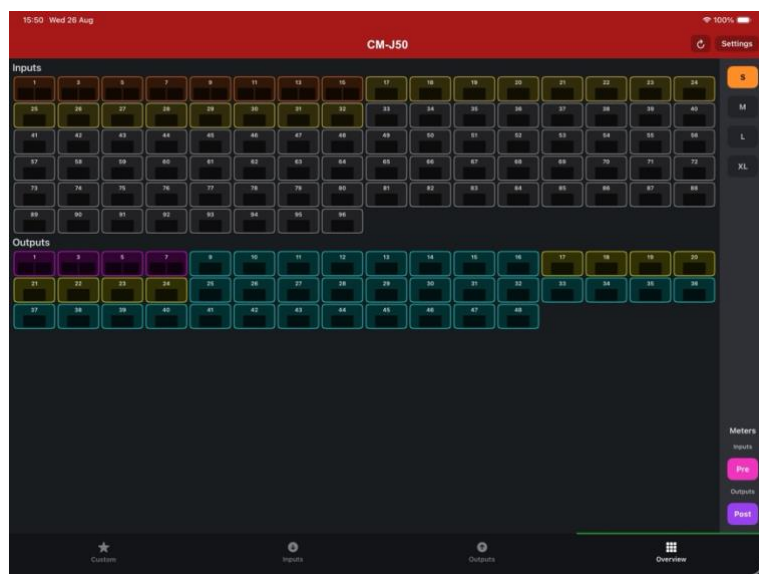


9: Connection Status Bar: Good Connection



10: Connection Status Bar: Weak Connection



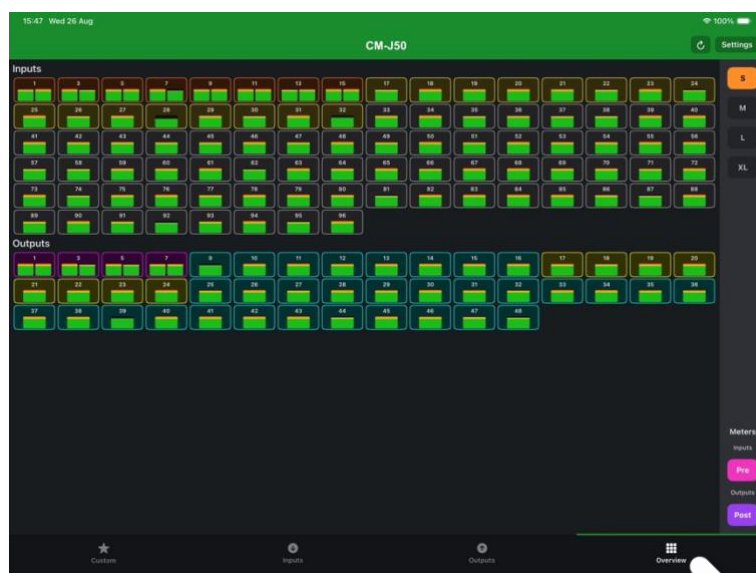


11: Connection Status Bar: Failed Connection

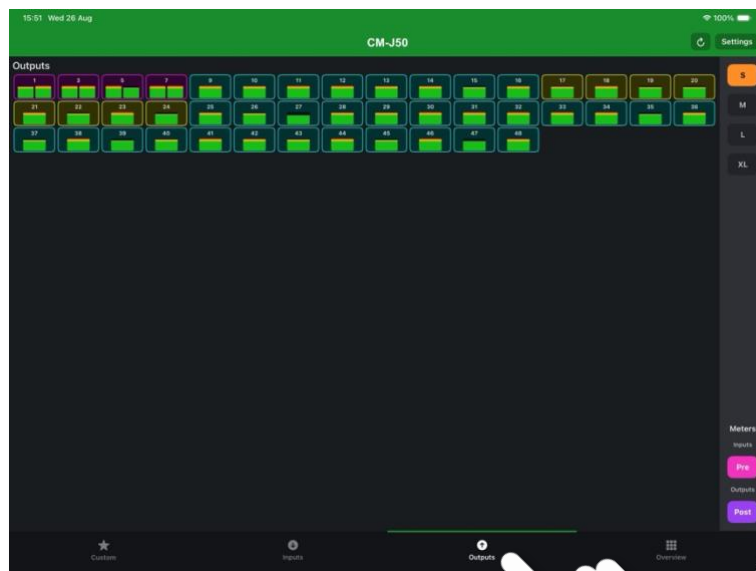


Meter Views

The App provides a choice of metering views: “Overview” show all inputs and outputs, “Outputs” only, “Inputs” only or “Custom”, a user defined combination of inputs and outputs to be monitored. Selection is done via the View tabs along the bottom of the display.

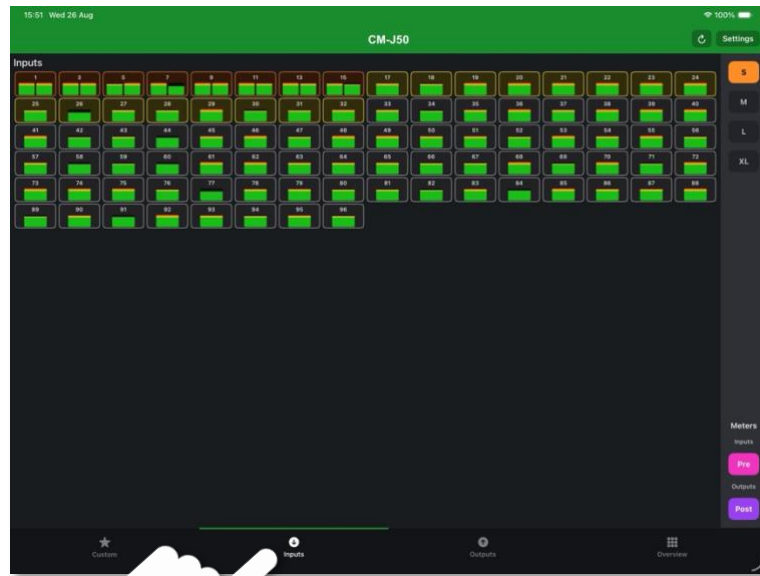


12: Overview

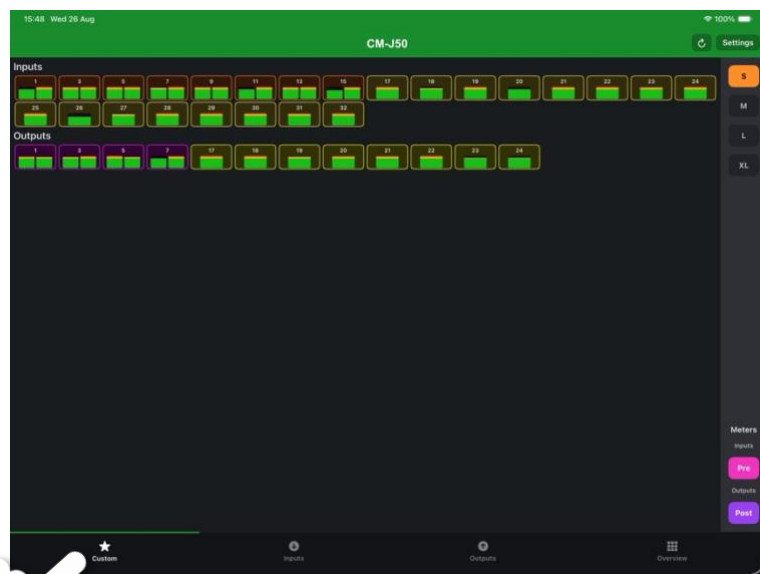


13: Outputs only





14: Inputs only

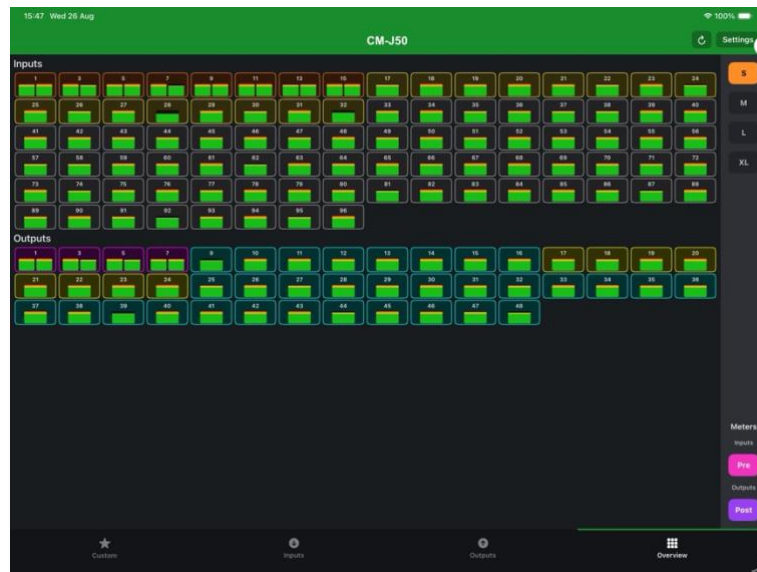


15: Custom view



Custom Metering

To build the “Custom” metering view press the “Settings” button (top right), this will open the Settings page for inputs. From here select the inputs to be displayed on the Custom metering page by pressing the required channel (press again to deselect). There is also a “Select All” and “Clear All” button for fast selection or clearing of channels.



16: Press Select to build a custom combination of inputs and outputs to monitor on the Custom view

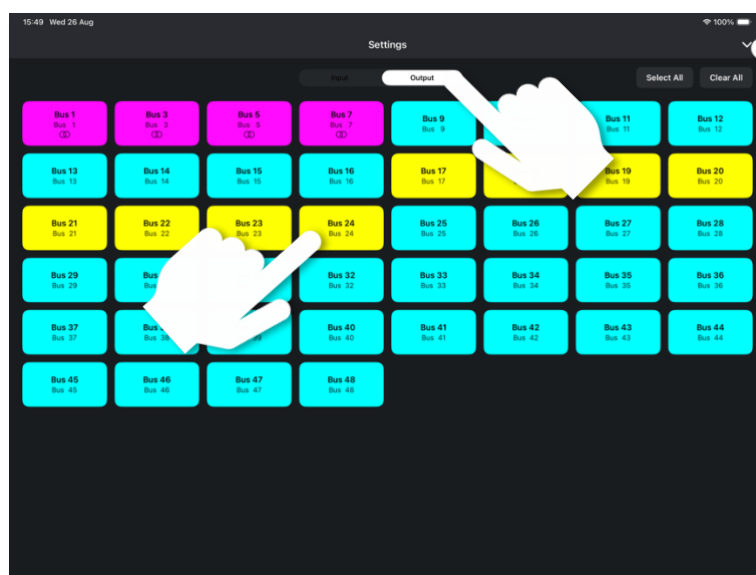


17: Settings page of input selection

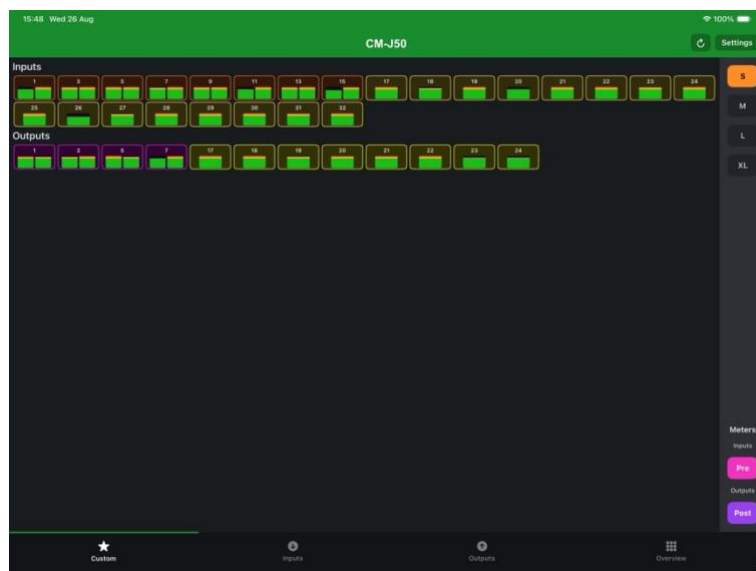
To select inputs below the screen simply scroll down.



To open the Settings page for outputs, press the “Output” button. Select the channels to show on the Custom metering page. When finished, press the “Return Icon” (the downward pointing chevron, top right) to return to the Custom view. This will show only the custom combination of input and output metering.



18: Output selection page



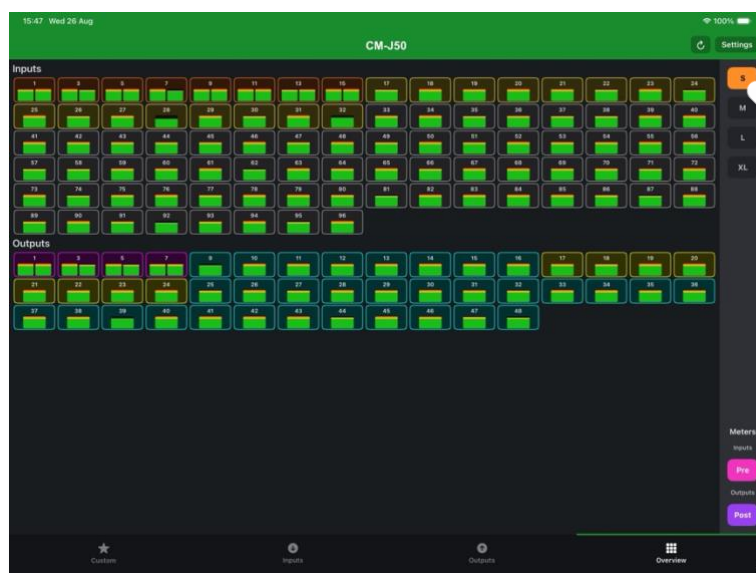
19: Custom View Page

When the App is closed, the last Custom view is automatically stored, and when next opened it will show the last custom build.

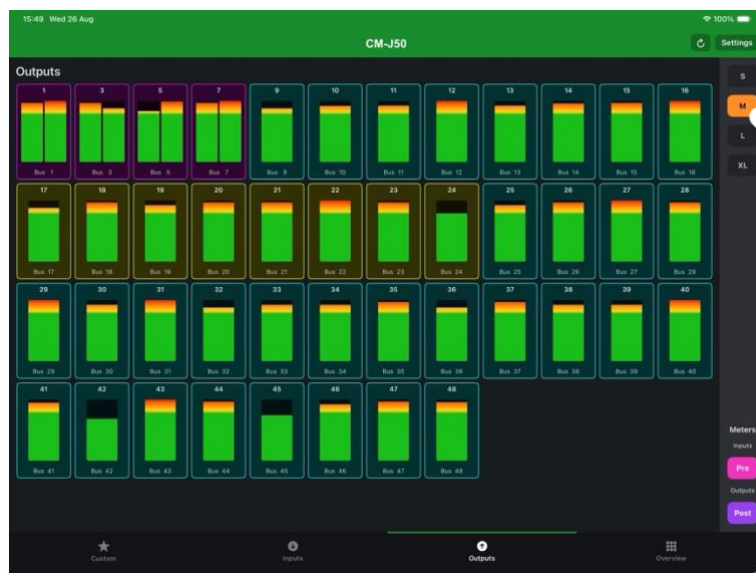


Meter Size

The App provides the option to switch between small, medium, large and extra-large metering to suit the device and the viewing distance. Simply press 'S' for small (default size), 'M' for medium, 'L' for large and 'XL' for extra-large.

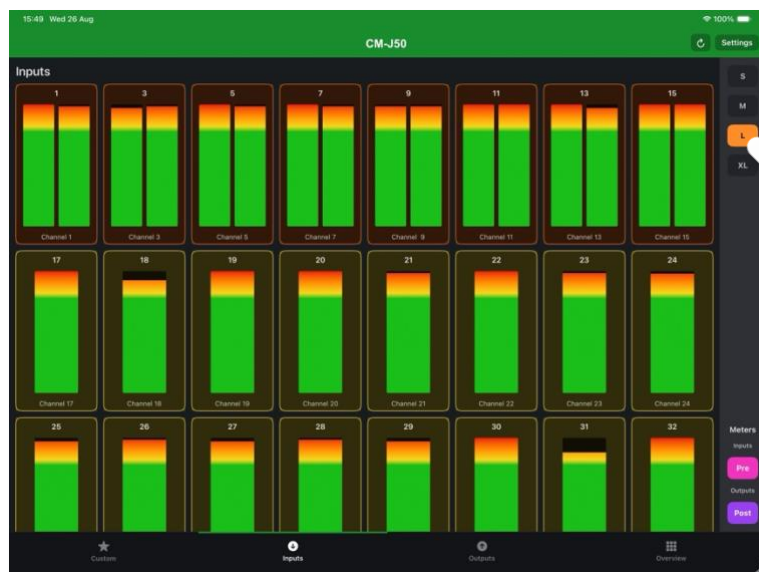


20: Small – default

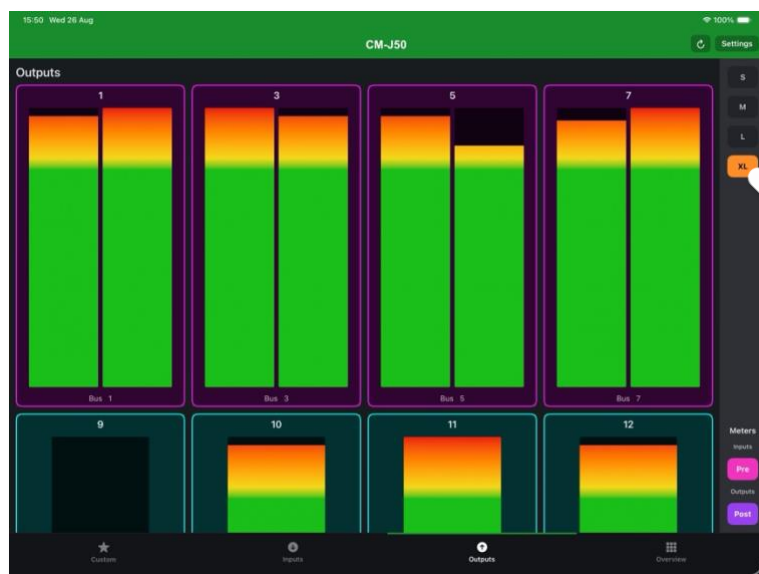


21: Medium





22: Large



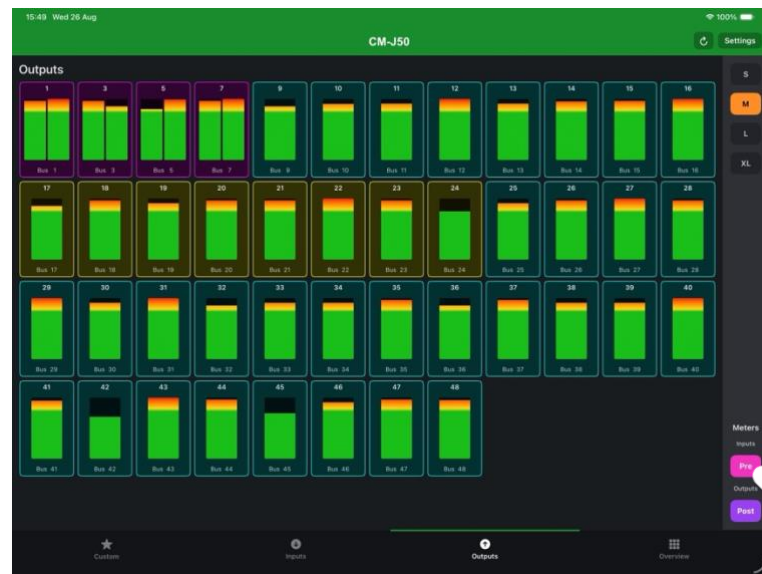
23: Extra-large



Pre or Post

The metering can be shown either pre or post fader. The default setting is pre-fader for inputs and post-fader for outputs.

To change the metering point, press the “Pre” or “Post” button in the Meters panel on the right of the display.



24: Pre and Post buttons

Inputs and outputs are set independently: the button below “Inputs” sets the input metering point and the button below “Outputs” sets the output metering point.



Cadac Consoles (SCC Audio Ltd)

Unit 11 Torc:MK

Chippenham Drive

Milton Keynes

MK10 0BZ

UK

www.cadac-consoles.com

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