tvONE | CORIOmatrix

Quickstart Guide

This QuickStart Guide will show you how to start using the CORIO®matrix, a high quality modular video matrix router. Sixteen modular AV slots are available and can be populated as inputs or outputs as needed. CORIOmatrix scaled output modules provide Up, Down and Cross conversion between a wide variety of analog and digital video formats.
For more advanced features, please refer to the User Manual available via the QR code at right or by navigating to http://tvone.com/CORIOmatrix-manual/.

- Install **CORIOdiscover**, a Windows (Vista, 7 or 8)-based discovery application, onto your PC. Download the latest firmware from http://tvone.com/tech_support_firmware.shtml.
- Unpack the unit and connect your video and audio inputs and outputs. Embedded audio switching is supported.

- Connect your PC to the CORIOmatrix mini by Ethernet (configuration can only be done by integrated web UI). The CORIOmatrix is set up to use DHCP by default, and can be configured to a static IP.
- Connect the power cable and turn on the unit via the power switch on the rear. The unit is ready to use when the LED on the front panel turns green.

1. Connecting

Install CORIOdiscover to your PC from the inbox USB memory stick or from the website:
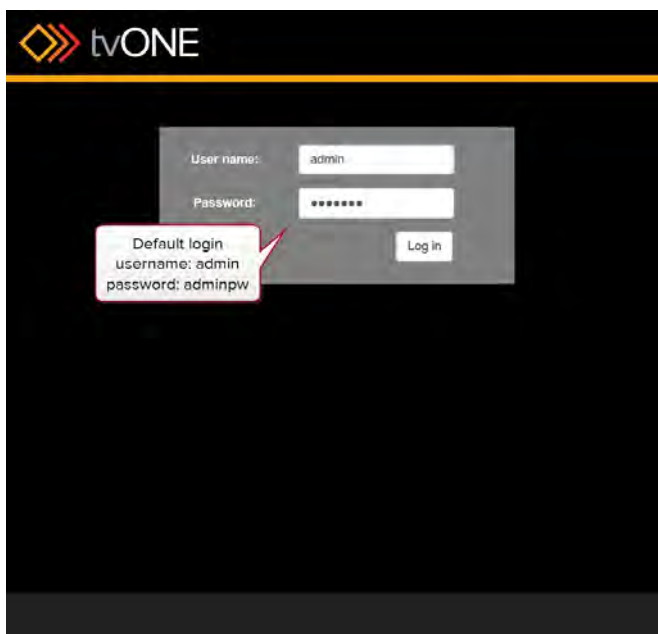http://tvone.com/CORIOmatrix-manual

Open the CORIOdiscover software to find any units on your local subnet.

Select the appropriate CORIOmatrix and click the **Configure** button to change network settings as desired. Click the **Open** button to conect via your default browser to the web UI on that CORIOmatrix.
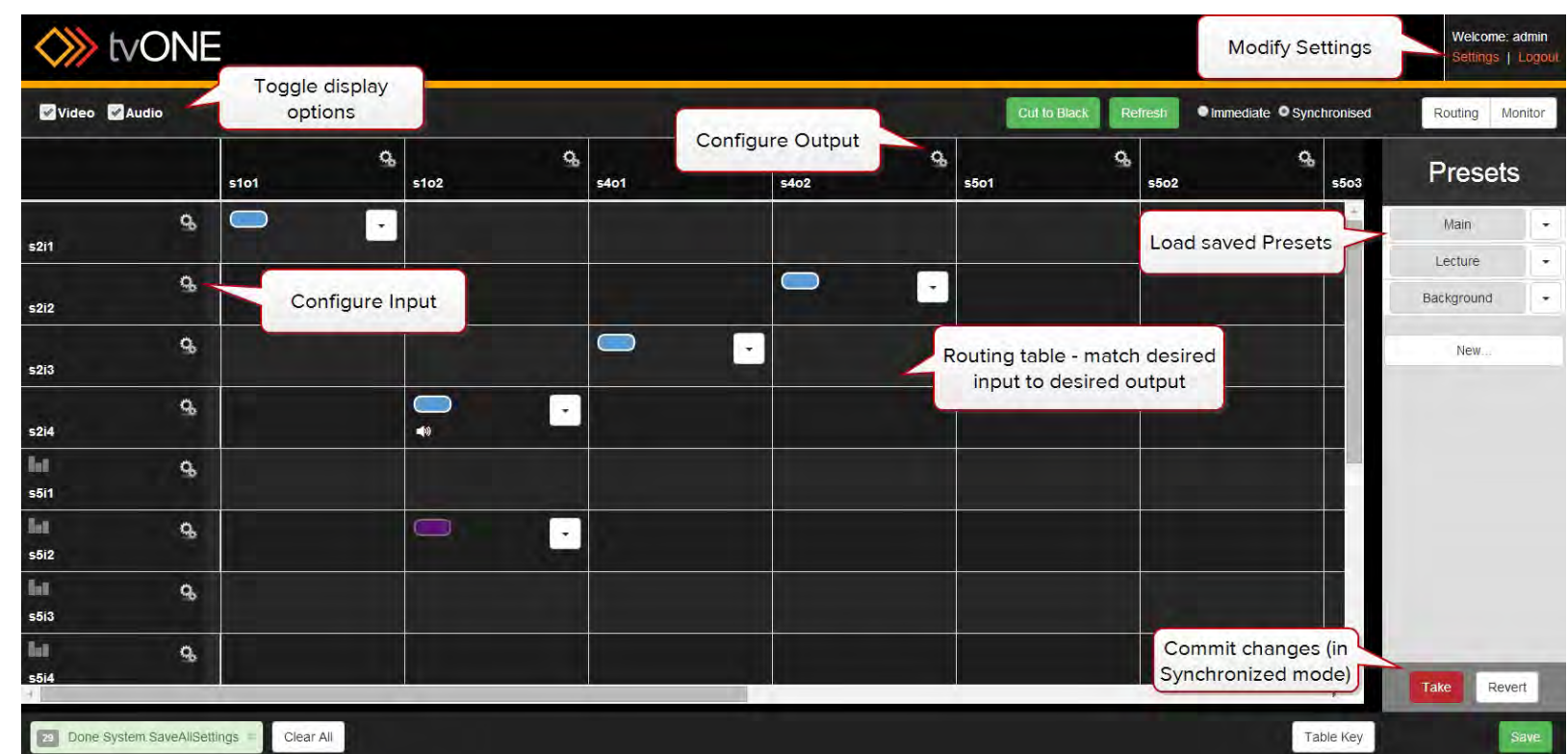
2. Logging In

Once the CORIOmatrix is configured, if you don't use CORIOdiscover, you can connect to the unit by typing its IP address into a web browser*.

*Supported browsers include current versions of Chrome, Firefox,, Safari, and Internet Explorer. For specifics, see the manual.

3. CORIOmatrix & CORIOmatrix mini Web Control Interface Overview

After logging in (default username and password are "admin" and "adminpw"), you see the routing page.

The main areas are the **Video Routing Page**, **Audio Routing Page**, **Settings**, and **Presets**:

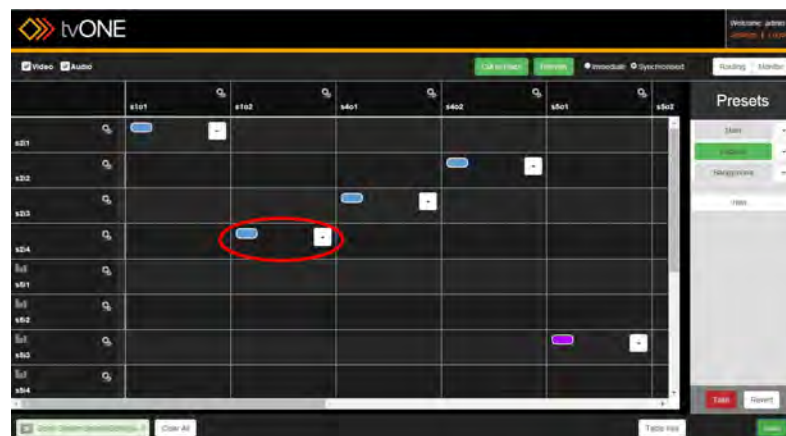|	
Video Routing	Use the grid to assign video inputs to video outputs and configure them. (See **Video** tab at top left.)
Audio Routing	Use the grid to assign audio inputs to appropriate outputs and configure them. (See **Audio** tab at top left.)
Presets	Set up different presets within a configuration. Switch between presets on the fly.

You can operate in either **Immediate** or **Synchronized** mode. To save your settings, click **Save** in the bottom right corner of the window.
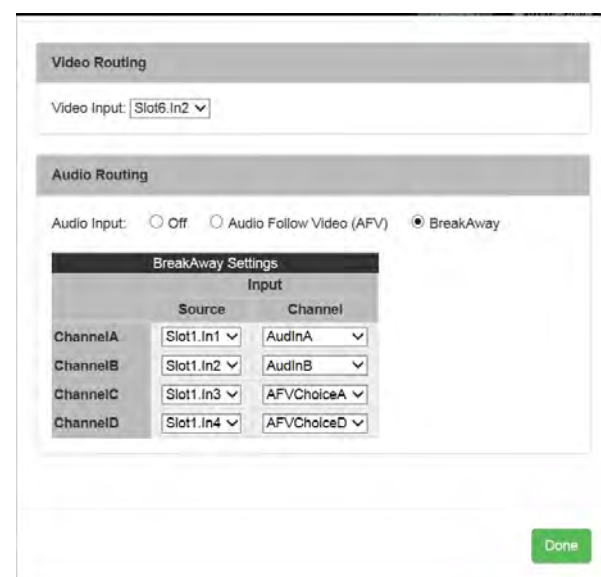
In typical system use, an admin will set up your **Video** and **Audio Routing** before saving them as **Presets**. Non-administrators can switch between presets and make minor changes.
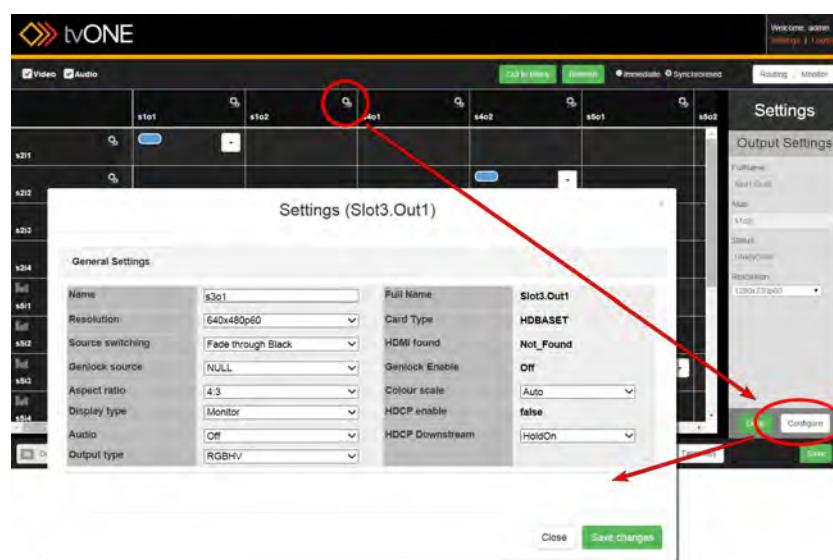
4. Basic Routing

From the Routing page, the administrator can configure routing by clicking on the appropriate cell showing the intersection between the intended input and output.

For more granular control, choose **Configure...** from the drop-down menu in the cell and a pop-up window lets you configure more details, particularly audio settings.
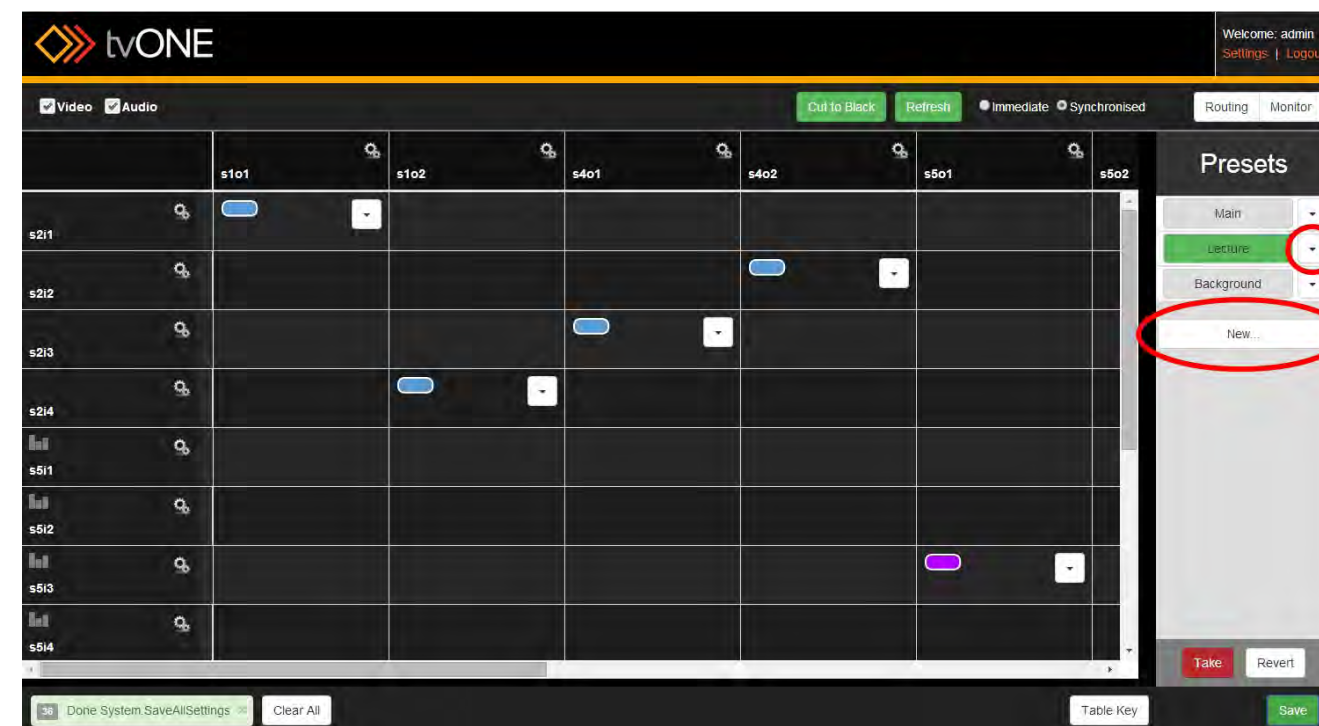

Configuring Inputs and Outputs

You can configure specifics about your inputs and outputs by clicking the appropriate cog icon and choosing **Configure**.

5. Configuring Presets

To set up a Preset, click the **New...** button in the **Presets** sidebar. The current routing configuration will be saved in a new item which appears below any previous presets.

To modify an existing Preset, click the drop-down arrow to the right of the button. In the resulting contextual menu, you can choose to **Save** an item, **Delete** it or **Rename** it. Be sure to click the **Take** button before you save your Preset!

When saving a Preset, be sure to click **Take** before you save, to ensure that you are storing up-to-date settings.

To switch between Presets on-the-fly, simply click on the new preset and changes will be immediate.

Monitoring (Available with optional Monitor Card module)

Click the **Monitor** button in the top right to access the Monitor page.

When the CORIOmatrix is in use, each small rectangle shows the video going through that input or output, and small green lines in the bottom left corner show audio channel activity.

Each input is shown in the top section, in order from slot 1 input 1 in the top left. Outputs are shown in the lower section, similarly ordered.

From the monitor screen, you can observe the content coming in to the inputs and the content going out through the outputs. If you wish to change anything, use the Routing page to reassign the routing.

www.tvone.com

More Information

This Quick Setup Guide is designed to get you started; for more information on using the CORIOmatrix and its many features please refer to the user guide at http://tvone.com/CORIOmatrix-manual