Introduction

Hello and welcome to the Public Beta version of iConnectivity's new interface configuration software, **Auracle**!

This software is Public Beta status. That means it is not yet finished but is being released so that users can have the opportunity to try it before the official release, and also help us find any bugs. Please see the list of **Known Issues** below.

Important!

Before using Auracle you *must* upgrade your iConnectivity interface to version 2.0 firmware. This will set your interface to the Factory Default setting, which is currently necessary for Auracle to function correctly.

https://www.iconnectivity.com/firmware

For most iConnectivity users Auracle should supply all the configuration options they need. However some power users may find that they require options not yet available in Auracle. For those users we recommend they stick with our older software, iConfig. The current version of iConfig is 4.2.7 - if you are using an older version please update it.

https://www.iconnectivity.com/software/iconfig

Known Issues

- Firmware update is only available from local drive. Upgrading firmware directly from the Internet will be supported in a future version.5
- Only 2 computer USB ports can be seen even if an interface has 3.
- Some interfaces (e.g. mio series) may show options that they cannot use

New functions in Auracle

Setup Wizard

Auracle uses advanced device detection circuitry to automatically build a virtual map of your studio and patch it in a meaningful way and useful way. Before using Auracle, it is advised that you follow this procedure:

1. Plug your iConnectivity interface(s) into your main MacOS or Windows computer.
2. Download the latest firmware for your interface(s) from https://www.iconnectivity.com/firmware

3. Plug in any other computer or iPad you want to use, and plug in any USB-MIDI, DIN-MIDI, or Ethernet RTP-MIDI devices (note that you can plug in a USB hub to the iConnectivity USB-MIDI Host port jack in order to use multiple USB-MIDI devices simultaneously).
4. Start Auracle and run the **Setup Wizard** for your interface(s) - this should detect and set up your devices correctly.
5. Once your system is set up, go to the **Device Info** menu and check that the latest firmware is installed. If not, update it via the button on this page. It is recommended that after any firmware update you run the **Setup Wizard** again to ensure correct operation.
6. You can run the **Setup Wizard** again any time you change your system to quickly update Auracle's internal map of your studio

Using Direct Monitoring (AUDIO2+ & AUDIO4+ interfaces only)

Auracle's built-in patching enables quick and simple use of Direct Monitoring for zero-latency recording. For example, to enable Direct Monitoring to headphones:

1. Go to the **Audio Mixing** page
2. Click on the **Direct Monitor** route button on the far right, below the **Headphone Output** section
3. All input channels and the DAW stereo signal will now be directly routed to the headphones, and their loudness can be mixed using the line of knobs along the bottom of the page. This way you can easily mix between the level of your direct signal being recorded and the stereo backing track from your DAW.
4. To listen to your DAW without any direct signal, ensure that the **Direct Monitor** button is not pressed for that analog output.
5. To return to normal mix operation (for example when mixing a recorded track) ensure that all Direct Monitoring buttons are disabled.

Using more than one computing device with Auracle

Most users should find Auracle to be remarkably simple and straightforward, because it hides a great deal of its routing complexity under the hood. However if you are using 2 computers, or one computer and an iOS device, things get slightly more complex. In most cases (except for the PA12) Auracle will ask you which is your primary Digital Audio Workstation computer and assume that you will be doing most of your recording on that. Your secondary computer or iOS device can still be used for audio and MIDI and these will be automatically routed between your two computing devices.

You can route audio to from one computing device to another using the virtual output channels on your DAW / audio app:

● **Outputs 1&2** from the Primary DAW are always routed to the Analog Outputs of your interface

- **Outputs 3&4** from the Primary DAW are routed into the secondary computer / iOS device
- If you are using an iConnectAUDIO2+, **Outputs 1&2** from the secondary computer / iOS device are routed back to **Inputs 3&4** on your Primary DAW
- If you are using an iConnectAUDIO4+, **Outputs 1&2** from the secondary computer / iOS device are routed back to **Inputs 5&6** on Primary DAW

MIDI is always wired up automatically.

Example: you have your DAW running on your main computer on USB1 and you want to send MIDI data to a virtual synth on your iPad connected to USB2, and then send audio back from the iPad synth to your computer.

1. In your DAW, select a MIDI track
2. Select your DAW's list of possible MIDI outputs on that track
3. You will see 16 virtual MIDI ports on USB2 - pick USB2 Port 1
4. In your iPad, ensure that your synth app is listening for MIDI Input
5. In your iPad audio will normally be automatically directed from your app to your iConnectivity interface. If it does give you a choice of audio outputs pick **USB1 1&2**
6. In your DAW, create a new stereo audio track
   a. If you are using an iConnectAUDIO2+ set the track's audio input to be **Inputs 3&4**
   b. If you are using an iConnectAUDIO4+ set the track's audio input to be **Inputs 5&6**
7. Now when you press play, MIDI will be sent from your main computer to your iPad and audio will be sent back from the iPad to your DAW

We hope you enjoy using **Auracle**!

The iConnectivity team