1   Introduction

Using Direct Connect, an AudioScience Hono AVB device can easily operate as a multichannel Apple Mac audio interface.

2   Requirements

- Recent Mac (any Mac that has a Thunderbolt port on it) with macOS Sierra installed. The latest MacBook Pro model (2016) features only Thunderbolt 3 (USB-C) ports. An Apple Thunderbolt 3 (USB-C) to Thunderbolt 2 Adapter is required if the Mac does not have a Thunderbolt 2 port.
- Apple Thunderbolt 2 to Gigabit Ethernet Adapter.
- Standard, high-grade (CAT-5e or CAT-6) network cable
- AudioScience Hono AVB device

3   Setup

1. If your Mac has a Thunderbolt 2 port, connect an Apple Thunderbolt 2 to Gigabit Ethernet adapter to an open port. If your Mac has only Thunderbolt 3 (USB-C) ports, connect an Apple Thunderbolt 3 to Thunderbolt 2 Adapter to an open port and connect your Thunderbolt 2 to Ethernet Adapter to the Thunderbolt 2 end. Plug the Hono AVB device directly into the Ethernet port of the Thunderbolt 2 adapter via Cat 5-e/6. (Do not plug in the Hono's power yet)

2. Power your Mac on and log in.

3. Connect the power cable to your AudioScience Hono AVB device. Let the device boot (may take up to 90 seconds).

4. Open the Audio Midi Setup application. You should see the AudioScience Hono AVB device checked in the Network Device Browser (*Window > Show Network Device Browser*). If the Hono does not appear, unplug power to the device, leaving the Cat 5-e/6 cable attached. When the unit is powered back on, the device should appear checked in the Network Device Browser.
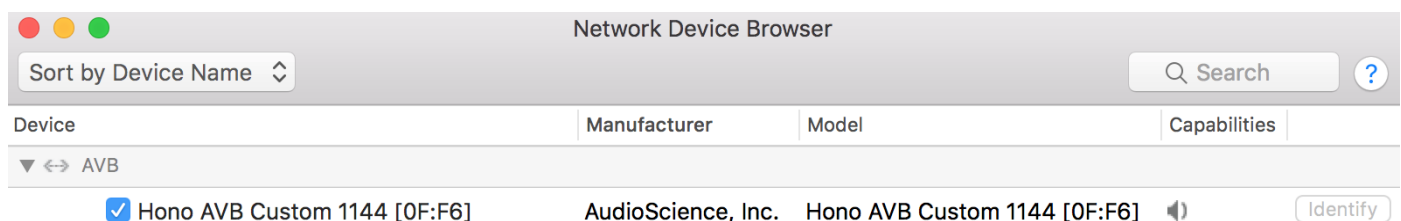

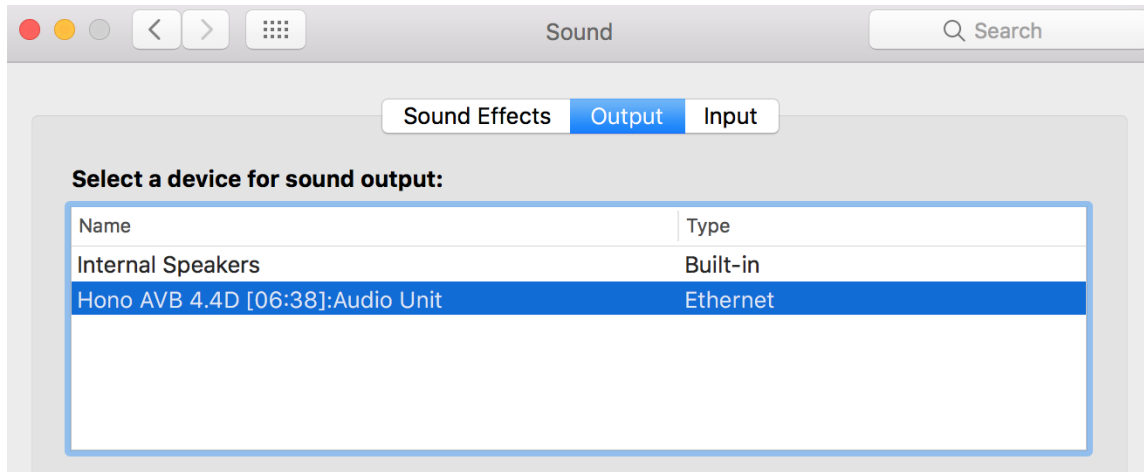**Figure 1: Mac Audio MIDI Network Device Browser**

Figure 2: Mac System Preferences Sound

5. Once the Hono appears in the Sound device list*, your Hono device can be used as a standard multi-channel input/output audio interface with any Core Audio compatible software running on the Mac. Select the Hono as your input/output device and run the audio application of your choice.

4   Supporting Documentation

- Hono AVB Mini
- Hono AVB Custom
- ASIControl – Control the internal features of your Hono Device

If the Hono does not appear in the Sound device list, use the Apple AVB Controller to verify the device is in the required Configuration for Direct Connect (Static Mappings).

1. Uncheck the Hono from the Network Device Browser.

2. Open ASIControl. Right click on the Hono AVB adapter in the ASIControl adapter list and select "Launch Apple AVB Controller"
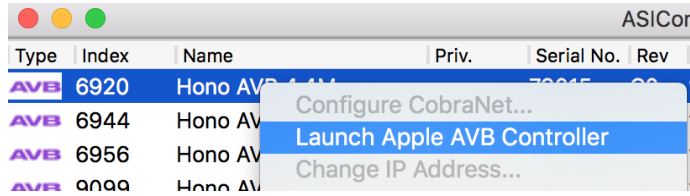

Figure 3: Launch Apple AVB Controller

3. Use the Apple AVB Controller to change the Current Configuration from **Dynamic mappings** to **Static mappings**.
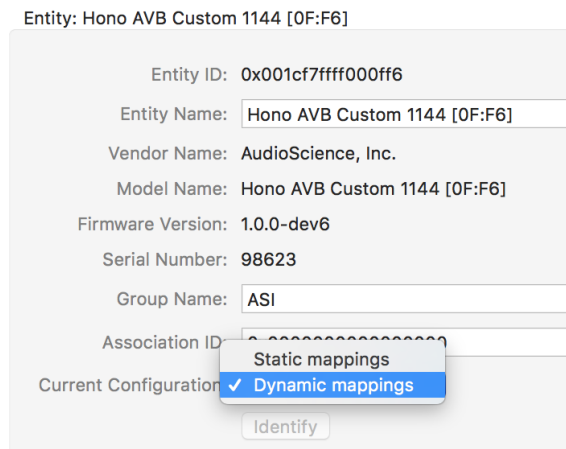

Figure 4: Apple AVB Controller Change Configuration
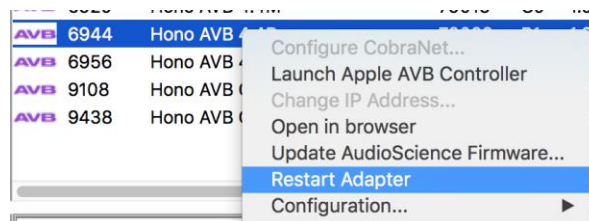
4. Use ASIControl to restart the Hono device and repeat Step 4.

Figure 5: ASIControl Restart Adapter