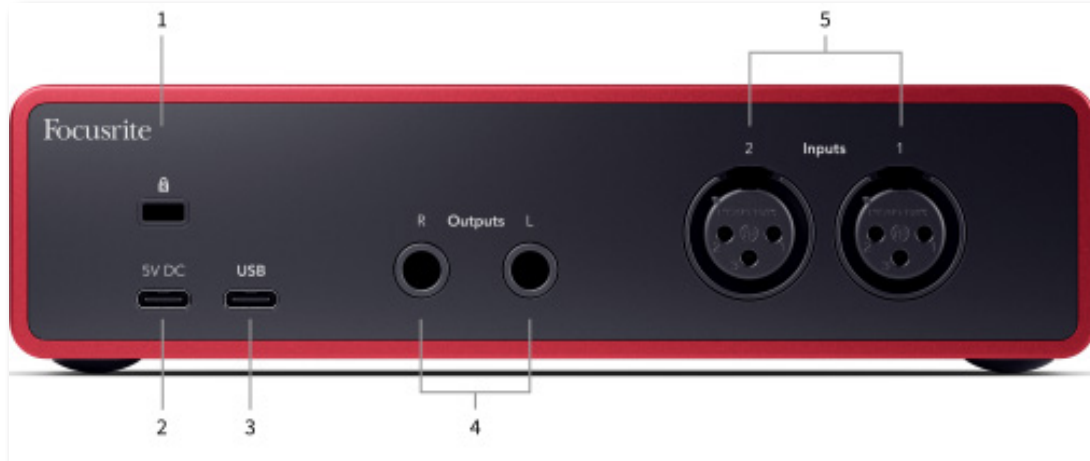# DARTMOUTH COLLEGE
FILM AND MEDIA STUDIES TECHNICAL SUPPORT

Studio 106 Audio Operation Guide

Recording with the Focusrite Scarlett Audio Interface in the Studio 106.

Front Panel

1. **Gain Control and Gain Halo**: The Gain Control (the knob) sets the input level and the Gain Halo (the circle around the knob) shows you the input and preamp gain levels for either the jack or XLR input #1.

3. **Gain Control and Gain Halo** for either the jack or XLR input #2.

2 and 4. **6.35mm (1/4") jack cable inputs** at line or instrument-level for inputs #1 and #2. Connecting a cable here disables the corresponding XLR inputs (in the back of the Focusrite).

5. **Select** button: Press to move the selection to the next preamp.

6. **48V** button: Press to turn on 48V phantom power at the XLR mic input to power condenser mics. When 48V is on, the Scarlett 2i2 applies 48V phantom power to both inputs.

7. **Inst** button: Press to toggle the selected 6.35mm (1/4") input between line or instrument-level.

8. **Auto** button: Press to start the **Auto Gain** feature to send a signal into your Scarlett 2i2 for 10 seconds and let the Scarlett set a good level for your preamps.

9. **Safe** button: Press to start the **Clip Safe** feature to automatically adjust your preamp gain if you are at the risk of clipping.

10. **Air** button: Press to turn on the **Air mode** to change your Scarlett's preamp sound with two different modes; Air Presence or Air Presence and Harmonic Drive.

11. **Output Control** (the knob) and **Output Level meter** (the circle around the knob).

12. **USB LED**: Lights green when the interface is recognized by your computer, white if connected but not recognized, and off when disconnected.

13. **Direct Monitor button**: Allows you to listen to and monitor your inputs.

14. **Headphone volume knob**.

15. **Headphone input**: Connect your headphones here using a TRS 6.35mm (1/4") jack connector.

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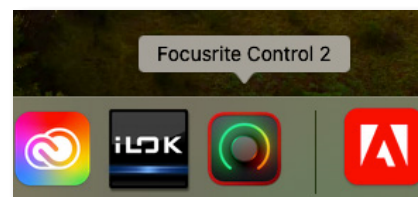
Back Panel

1. **Kensington Lock**: use a lock to secure your Scarlet and deter theft.
2. **SV DC** an optional USB-C connector to supply powewr to your Scarlett 2i2.
3. **USB**: USB-C connecter to connect your SCarlett to your computer. With most computers, you can transfer data and power the Scarlett using only this USB port.
4. **Speaker Outputs R and L.**
5. **Input #2 and #1 3 pin XLR connectors** to connect your microphones. Connecting something to the corresponding line-level input (Front Panel number 2 and 4) disable the XLR inputs.

Focusrite Control 2

Focusrite Control 2 is the sofware application
you use to control your Scarlett Interface.
Click on the Focusrite Control icon to open the app.

The control panel will open up, allowing you to control various features of your Scarlett from your computer