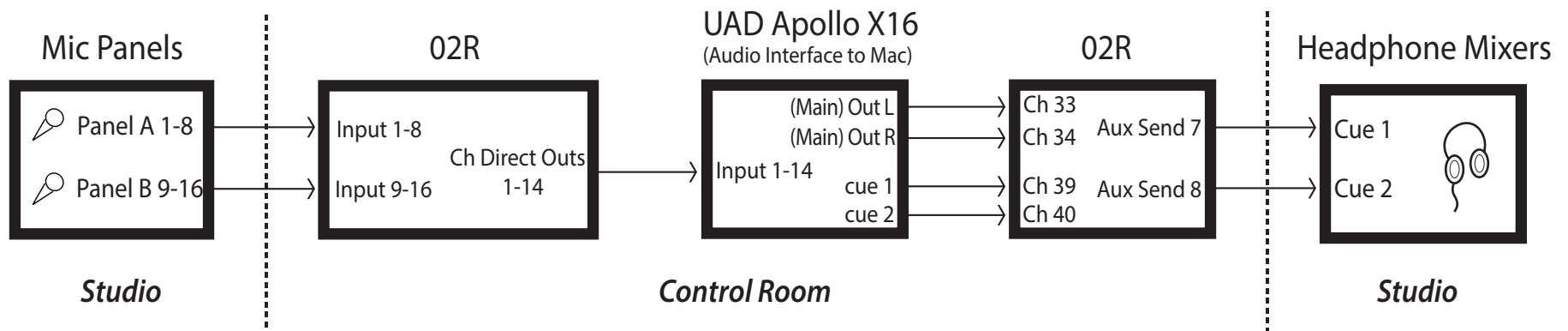# Audio Lab - Yamaha 02R Cheat Sheet

1. Sign in at the Log Book.
2. Turn on the main power strip located on the bottom right of the desk rack.
3. On the O2R in the Scene Memory section use the up/down arrows to select and and load the desired scene.
   Scene **95** is for tracking up to 14 live channels; Scene **96** is for **5.1 Mixing**
4. Turn on the computer by pressing the power button on the left rear corner
5. Login to the computer.
6. Open Pro Tools and create a new session.
7. Choose a template from the *TESC folder.
8. Save your work to your Documents folder or on your Desktop.

This is the current Yamaha 02R recording flow when using Scene 95 (no patching necessary)

Mic Panels	02R	UAD Apollo X16 (Audio Interface to Mac)	02R	Headphone Mixers

- Panel A 1-8 → Input 1-8
- Panel B 9-16 → Input 9-16
- Ch Direct Outs 1-14
- Input 1-14
- (Main) Out L → Ch 33
- (Main) Out R → Ch 34 — Aux Send 7 → Cue 1
- cue 1 → Ch 39
- cue 2 → Ch 40 — Aux Send 8 → Cue 2

Studio   *Control Room*   *Studio*

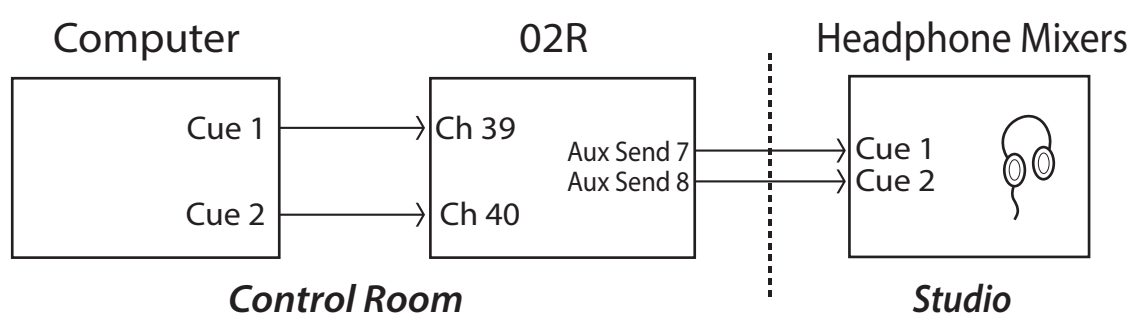**Headphone Mix from 02R (AUX Send Configuration):**
1. To send audio to headphone Cue 1 or 2, press the AUX 7 or AUX 8 button in the **Aux Select** section of the 02R (left of display)
2. Below the **Aux Select** section is the **Encoder Mode** section -- Press the Aux button
3. Now, adjust encoder (blue, digital knob) on desired channels to set levels for the headphone mixes
   * AUX 7 is normalled to Headphone Cue 1 (no patching needed)
   * AUX 8 is normalled to Headphone Cue 2 (no patching)

Monitor the DAW mix:
- DAW stereo main outs are normalled to 02R inputs 33 and 34 via Apollo Outputs 9 and 10.
  - These inputs can then be monitored through the 02R's stereo bus alongside any 02R input channels receiving live sound sources.
- DAW **5.1 Surround** outs are normalled to 02R inputs 25-30 which in turn feed 02R busses 1-6,
  - which then send the audio to the SPL Surround Monitor Controller. (To monitor 5.1 mixes, load Scene 96)

Headphone Mix from DAW:
- DAW headphone sends (labelled Cue 1 and Cue 2) come into 02R channels 39 & 40.
- Use Cue 1 & 2 in your DAW to provide a mix of prerecorded instrument levels for your talent (not live sources).
  - Cue 1 from DAW goes to headphone mix Cue 1 (via 02R input ch. 39 sent to Aux send 7)
  - Cue 2 from DAW goes to headphone mix Cue 2 (via 02R input ch. 40 sent to Aux send 8)
- Cue mix of live instruments will also use 02R AUX send 7 and/or AUX send 8 on their respective input channels.
  - When recording a live instrument in the DAW you need to MUTE this track in the DAW.
  - If you do not it will provide a delayed signal to the talent. Mute the Cue sends in the DAW, as well.

Computer	02R	Headphone Mixers

- Cue 1 → Ch 39
- Cue 2 → Ch 40
- Aux Send 7 → Cue 1
- Aux Send 8 → Cue 2

Control Room   *Studio*

Power-Down Procedure:

1. Save your project in your folder. Back up your projects using the server AND your personal hard drive. This is a shared computer, therefore your work is NOT SAFE.
2. Properly collapse all microphone stands and return mic clips to their appropriate microphones.
3. Coil the XLR cables and and hang them on the hooks...neatly, please...and *over-under*, please!
4. Reassemble the drum kit.
5. Straighten and clean up the studio and control room -- Leave them nicer than the way you found them.
6. Sign out of the log book and state any issues -- Major issues may be reported via email to audiosupport@evergreen.edu).
7. Logout of the computer
8. Turn down the ControlRoom volume on the O2R
9. Power down the computer.
10. Once computer is shut down, power off the power switch on the Desk Rack.
11. Turn off lights and close all studio doors -- double check that they are secure.