

Personal Production Suites
RCC 346C, 346D, 346E, 346F

Overview and Quick Start Guide



Rogers Communications Centre
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1. Overview:

The Personal Production Suites have been designed for students to work independently at an advanced level. The design concept is for the rooms to operate in an independent manner for smaller audio recording, simple ADR and Foley activities. While the rooms are compact there is enough room for students to bring in small instruments, record vocals and/or do simple ADR/Foley activities in these rooms.

The rooms provide a quite recording space and are equipped with simple tools that allow students to walk into the room and start working with all of the basic audio technologies available in the room. The latest information and room availability for the Personal Production Suites can be obtained from the following link:

<http://www.rcc.ryerson.ca/technology/rcc-346cdef.htm>

2. Room Booking:

For room booking (and to report technical problems with the suites) please contact the Shared Audio Lab Assistant:

Preston Patey
416-949-7822
p.patey@ryerson.ca

3. Supported Production Activities:

- Multi-track recording, editing, and mixing.
- MIDI recording and editing.
- Automatic Dialogue Replacement (ADR) and Foley recording.
- The Personal Production Suites can be patched to the 5.1 Mixing Suite (RCC-348), or the Foley Theatre (RCC-346A)
- Dialogue and voice-over recording. Vocal recording (single person).
- Sound effects recording. Please note: these rooms are equipped to access the Rogers Centre Sound Effects Server (through iTunes).

- Solo instrument recording (e.g., guitars, hand drums, woodwinds, brass instruments).
- Personal Laptops, sound recording device, iPods, Virtual Audio Lab laptop based production. These devices can be connected to the audio monitors (speakers), microphone and secondary LCD monitor located in the suite.
- Production of audio CD's and DVD's (with iDVD).
- Electronic music and sound effects production with Reason Adapted.

4. Hardware/Operating System Specifications:

- iMac: Core 2 Duo 2.4GHz:
 - 20" monitor, 2 gigabytes of ram, 500 gig hard drive
 - Internal 8X SuperDrive (CD/DVD) recorder.
- Digidesign M-box 2 Pro Firewire Audio Interface.
 - 2 XLR / ¼ inch Mic/Line inputs,
 - 2 RCA Aux line in, 2 ¼ inch Aux line in
 - 2 ¼ inch Monitor Out, 5 ¼ inch Line out
 - SPDIF in/out, Word Clock in/out
 - Midi in/out
 - 2 X Firewire (1 available for portable devices)

Operating Systems:

- Apple OS/X (Snow Leopard)

Audio Production Hardware:

- M-Audio Pro 3 & M-Audio AV40 Audio Monitors (speakers)
- Sylvania (SVA) 2400w 24in Wide DVI LCD Monitor
- Earthworks FM720/HC Condenser Microphone (with gooseneck stand)
- Behringer HA-8000 Headphone Amp
- Audio patch panel (interconnect for the Mixing and Foley Theatre)

Overview of Hardware Connections:

1. iMac Firewire to M-box 2 Pro
2. iMac headphone out to M-Audio speakers
3. iMac video out to Sylvania monitor
4. All equipment is plugged into wall jack (speakers, computer, etc.)

5. Software Specifications and Functionality (OS/X)

OS/X (Operating System)		
Application	Category	Functionality
ProTools 9 + ProTools Factory Bundle	Audio Production	<ul style="list-style-type: none"> • audio/midi production • multi-track music recording • ADR, Foley, and voice recording • vocal/instrument recording • mixing, editing, mastering
Ableton Live Lite	Audio Production	<ul style="list-style-type: none"> • audio/midi production • multi-track music recording • beat/tempo matching
GarageBand - 11	Audio Production	<ul style="list-style-type: none"> • audio/midi production • multi-track music recording • mixing and editing • podcasting
Reason (Adapted)/ Arturia Analog Factory	Audio Production	<ul style="list-style-type: none"> • electronic music/sound effects production • emulation of synthesizers, samplers, drum machines, sequencers
Audacity	Audio Production	<ul style="list-style-type: none"> • precision audio file editing and conversion
iTunes	Audio Player	<ul style="list-style-type: none"> • media playback, podcasting • accessing the RCC Sound Effects Server
QuickTime Player	Video Player	<ul style="list-style-type: none"> • video/audio player
Front Row	Media Center	<ul style="list-style-type: none"> • Video downloading • Podcasting • Device/Network media playback
iMovie – 11	Video Production	<ul style="list-style-type: none"> • basic SD + HD video production
iDVD – 11	DVD Production	<ul style="list-style-type: none"> • DVD production
iPhoto – 11	Digital Imaging	<ul style="list-style-type: none"> • Photo management and editing
Photo Booth	Digital Imaging	<ul style="list-style-type: none"> • Web camera capture tool with photo effects.
<p>Productivity/Web Applications:</p> <p>Safari (web browser), OmniOutliner (creating, collecting, and organizing information), Omni Graffle (diagram, process chart, quick page-layout, website mockup or graphic design), iWeb (website editor/designer), iLife suite, Adobe Acrobat Reader.</p>		

6. Saving Projects/Connecting Storage Devices

- In OS/X, projects should be created (in a sub-folder) on the Macintosh “MACMEDIA”. To avoid confusion, create project folders that are easily identifiable.
- ***The data drive in the iMac is for temporary storage only. It is erased regularly. Always remember to save your entire project folder to removable media at the end of your session.***
- Use the USB/Firewire hub to connect external devices

7. Starting a Pro Tools Session

1. Turn on the iMac. The power switch is located on the lower rear-left side of the iMac.
2. Turn on the secondary (Sylvania) Monitor.
3. The M-box 2 will turn on when computer starts (a green light should be on along with a red light next for 48V [phantom power]).
4. Enter your user login information.
5. Turn on the M-audio monitors (speakers).
6. Load Pro Tools 9 from the dock or from the applications menu.
7. Go to file and choose new session.
8. Remember to backup your project!

8. Returning the Personal Production Suites to their “Home Position”:

Please complete return the suite to its “home position” at the end of your session.

Note: this information is posted in each Personal Production Suite.

1. Please leave the suites tidy.

2. Remove all garbage and miscellaneous items brought into the suite (empty CD wrappers, instruments, cables, etc.).
3. Return the suite to its home position (i.e., return all equipment and cabling to their designated location). A photograph has been posted in the suites (and below) to assist you in returning suites to their “home position”.
4. Turn out the room lights.
5. Close and Lock the door.
6. Ensure door is locked.

Personal Production Suite Home Position



9. Online Training Resources (by Application):

Application	Resource Link
ProTools	Beginner's Guide to ProTools http://www.transom.org/tools/editing_mixing/200610_guide_to_pro_tools/
GarageBand	Getting Started Guide http://homerecording.about.com/od/garagebandtutorials/ss/getting_started.htm
Reason	Overview http://www.tweakheadz.com/review_of_propellerheads_reason.htm Using Reason with ProTools http://www.sweetwater.com/expert-center/techtips/d--10/18/2005
Audacity	Overview of Digital Audio and Using Audacity http://audacity.sourceforge.net/manual-1.2/tutorial_basics_1.html
iTunes	Podcasting and iTunes http://www.apple.com/itunes/whatson/podcasts/tips.html