

SoundBL Recordings Studio

Technical Sheet – Control Room A



Listening Room

- Dimensions: 3.80 m × 4.60 m ($\approx 17.5 \text{ m}^2$)
- Acoustic treatment: High-end custom treatment, designed and optimized by a professional acoustician and architect. The room is built using a full room-within-a-room construction, ensuring low background noise levels ($\approx 34 \text{ dB(A)}$) and optimal listening accuracy.
- Frequency response: Balanced and controlled, without critical nulls or long resonances, allowing reliable mastering decisions.
- RT60: Approximately 300–350 ms across the critical mastering range (100 Hz–10 kHz), with a slightly longer and well-controlled low-frequency decay.

Studio Furniture

- Sessiondesk TRIO Custom
-> Acoustically optimized mastering desk, custom-designed for ergonomic workflow and tidy cable management

Main Monitors

- PSI Audio A23-M (3-way, vertical installation, full-range mastering reference)
- Eve SC207 (secondary monitoring, composition and recording)
- Neumann KH80 DSP (stereo image control)
- HK Audio Polar 8
-> Alternative listening for “PA / club / light sound reinforcement” type environments

Headphones (shared with Control Room B)

- Audeze LCD-X (mastering reference)
- (x2) Beyerdynamic DT770 Pro (artist monitoring during sessions)

Analog Outboard Gear

- Dangerous Music Bax EQ
- SSL Fusion (with Mid/Side insert containing a pair of Lang PEQ-2)
- Cranborne Audio Carnaby HE2
- SSL Bus+
- SPL Venos
- Elysia Nvelope Mastering Edition
- SPL Vitalizer Mk3-T
- Bettermaker Limiter V2

Conversion & Interface

- Main Interface: RME Fireface 802 FS (routing and recording)
- AD/DA Converter: RME ADI-2 Pro FS R BE (connected via ADAT)
- Analog Monitoring: Dangerous Music Source (AES to analog converter)
- Monitoring Management: Dangerous Music Monitor ST
- All cabling throughout the studio uses Mogami Gold Studio cables

Synthesizers and Electronic Instruments

- Arp Odyssey Rev2
- Moog Sub 37
- Yamaha MX49 II
- Arturia MatrixBrute
- Modal Cobalt8
- Access Virus Ti2 Dark Star
- Nord Lead 4
- Sequential Prophet 6
- Eurorack Modular System (custom, made up of numerous modules)
- Roland TR-8
- Roland TR-8S

Voice and Instrument Recording

- Custom Keoda vocal booth
- Slate Digital ML-1
- Slate Digital ML-2 (pair)
- AKG C214
- Shure SM57
- Shure SM58

Controllers & MIDI Keyboards

- SSL UF1 (transport and monitoring controller)
- NOB Control (assignable rotary controller)
- TC Clarity M (audio/loudness analyzer)
- Native Instruments Komplete Kontrol MK2 (master MIDI keyboard)
- Roli Lumi Studio Edition (polyphonic MPE MIDI keyboard)

Computer & Screens

- Apple iMac Pro
Xeon W, 32 GB RAM, 1000 GB SSD, Radeon Pro Vega 56
- Secondary Screen: ASUS ZenScreen MB17AHG

Plugins & Virtual Instruments

The studio uses an extensive collection of professional plugins and virtual instruments for both sound processing and music production. Among the main plugin suites are industry standards such as:

- **UAD, Waves, FabFilter, iZotope, Slate Digital, Acustica Audio**, and more, used for precision EQ, compression, saturation, limiting, metering, restoration, and stereo processing.

In addition, the setup includes a wide range of high-quality virtual instruments and synthesis tools for composition, including:

- **Native Instruments, Xfer Serum, Arturia**, and others.