

SoundBL Recording 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 acoustic treatment, designed and optimized by a professional acoustician and architect. The room is built using a full room-within-room construction, ensuring an extremely low background noise level of 27 dB(A), measured with a Class 1 sound level meter, along with optimal listening accuracy, providing a neutral and highly detailed listening environment.
- Frequency response: Balanced and controlled, without critical nulls or long resonances, allowing reliable mastering decisions.
- RT60: Approximately 300 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

- Topping A30 Pro
- Audeze LCD-X (mastering reference headphones)
- (x2) Beyerdynamic DT 770 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 Mastering Limiter V2

Conversion & Interface

- Main Interface: RME Fireface 802 FS (routing & recording)
- AD/DA Converter: RME ADI-2 Pro FS R BE (analog mastering loop)
- Monitoring DAC: Dangerous Music Source (monitoring D/A)
- Monitoring Management: Dangerous Music Monitor ST (monitor controller)
- 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-1A
- Slate Digital ML-2 (pair)
- Neumann TLM 49
- AKG C214
- Shure SM57 / SM58

Vinyl Reference System & Pressing Quality Control

- Technics SL-1210 MK2
- Ortofon 2M Blue
- Pro-Ject Phono Box S2 Ultra
- Mogami HiFi Gold Series cabling

Controllers & MIDI Keyboards

- SSL UF1 (transport and monitoring controller)
- NOB Control (assignable rotary controller)
- Elgato Stream Deck Neo (programmable workflow and macro 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

Industry-standard plugin suite for mastering, mixing, and production including **UAD**, **Waves**, **FabFilter**, **iZotope**, **Slate Digital**, **Acustica Audio**, **Native Instruments**, **Xfer**, **Arturia**, and more.