



STUDIO 7
Music Production

Recording Studio
User Guide



Studio 7 Recording Studio

Mill Mead Industrial Centre
Tottenham
London
N17 9QU



Studio 7 is the private studio of
Songwriter and Producer Laurence Loveless

Transport Links

Tottenham Hale Tube (Victoria Line)
Tottenham Hale Overland (Liverpool St - Standstead Line)
Tottenham Hale Bus Station
The studio has a private car park for up to 6 Cars

Contact

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'The Plank'



At the heart of Studio 7 is 'The Plank', Conny Plank's custom made 56 channel recording console. The console is totally unique, hand built by Conny Plank, Peter Lang, and Michael Zahl in 1970 and originally situated in Conny's studio in Cologne. It was moved to Studio 7, London, in October 2015.

Nicknamed 'The Plank' the studio 7 console was designed by Conny Plank in around 1970 and continuously upgraded until Conny's death in 1987. The desk has been painstakingly hand laminated in cherry wood reputedly taken from one single cherry tree from Conny's garden. It has 56 hand-made channels, each one featuring custom parametric EQ, hand wound preamps and rare germanium transistors. As part of its unique design the power rail runs off a 32 volt supply rather than the conventional 48 volts meaning that the rail runs hotter than other consoles giving the desk its legendary warm tone and magical ability to magnify audio clarity while boosting harmonic resonance. The desk's signal path is deliberately uncomplicated, controlled by real switches and relays rather than FET switches. The incredible custom-made EQ section is based on a classic Baxandall circuit and has been designed to Conny's own specifications so the circuitry changes characteristics as the cut/ boost control is swept through the centre position to assign specific Q and frequency characteristics separately to boost and cut. Preamps are a classic transformer based mic input using Pickatron RUP505M transformers. All channels feature a unique channel integrated patchbay with auto send function routing any channel to any other channel (or combination of channels) with a single button. Each channel also includes 48 V power and a wide range of auxiliary busses. Metering comes from the original 1970s plasma display bridge. The display bridge also has a fully integrated bantam jack patchbay for routing to and from hardware units.

Conny Plank



Born on the 3rd May 1940 Konrad 'Conny' Plank initially worked as a sound engineer in the 1960s for Marlene Dietrich before moving into studio engineering and production from the late 1960s until his death in 1987. Renowned for a production style that prioritised authenticity and spontaneity over precision and technicality, Plank is considered one of the greatest producers of the 20th century and a pioneer in the genre of 'Krautrock'. Notoriously averse to the limelight of celebrity, Conny shunned publicity, preferring instead to work without distraction from the privacy of his studio. This carefully focused work ethic ensured a prodigious catalogue of work from the 17 years he was active in music production. Despite not being a public figure his fame as a production pioneer rapidly grew within the music industry garnering him many high profile admirers, not least Brian Eno who became a friend and student of Conny's production style recording many of his 70s classic albums at Conny's Studio before going on to co-produce Devo's first album there in 1978 with David Bowie.

Bowie's classic 'Berlin Trilogy' of Albums produced by Eno were inspired by Conny's style of production which had left a lasting impression on both Eno and Bowie who cite him as a major influence on their work. From the mid 70s Conny Plank branched out to a more diverse range of acts working with such legendary names as Scorpions, Eurythmics, Echo and The Bunnymen, Flock of Seagulls, DAF, The Meteors, Ultravox and Killing joke. Always interested in new musical ideas and cutting edge sounds he also sought out American Rap pioneers 'Whodini' at the very inception of the genre, producing their much vaunted self titled debut album in 1983.

Credits

'The Plank' has been used to record many classic albums including:

'Kraftwerk 2', 'Autobahn' and 'Ralf and Florian' by Kraftwerk, 'Cluster' by Cluster, 'Neu!' by Neu!,

'Lonesome Crow' by Scorpions, 'Deluxe' by Harmonia,

'Before and After Science', 'Cluster and Eno' and 'Ambient 1: Music for Airports' by Brian Eno,

'Question: 'Are we not Men? Answer: We are Devo' and 'Pioneers Who Got Scapled' by Devo, 'Out of Reach' by Can,

'Systems of Romance', 'Vienna', and 'Rage in Eden' by Ultravox, 'Crann Ull' by Clannad,

'Die Klienen und Die Bösen' 'Alles ist Gut' 'Gold und Liebe' and 'Für Immer' by DAF, 'Hunger' and 'Stormy Seas' by the Meteors,

'Revelations' and 'Laugh? I Nearly Bought One!' by Killing Joke, 'Latin Lover', 'Profumo' and 'Puzzle' by Gianna Nannini,

'Listen' by Flock of Seagulls,

'In the Garden' and 'Savage' by Eurythmics, 'Whodini' by Whodini

'Echo and the Bunnymen' by Echo and the Bunnymen

'In our Heads' and 'Why Make Sense' by Hot Chip

'New Eyes' by Clean Bandit

'Communion' by Years and Years

'Benediction' by Hot Natured

'Sonics in the Soul' by Buzzcocks



Control Room - Studio Specs

Console:

'The Plank' Conny Planks handmade 56 Channel 1970s console

Digital to Analog Conversion:

32 track recording/ playback via 2 x UAD Apollo 16 MKII Interfaces + Apollo 8 MKII interface and 2 x UAD Quad satellite processors. This system utilises a comprehensive range of UAD analogue hardware emulation plug-ins via a total of 18 external UAD Shark processors.

Computer:

iMac Pro 2017 with 3.2 Ghz 8-Core Intel Xeon W Processor and 32gb of ram

Headphones:

2 Independent headphone monitor stereo outputs via the studio desk
6 independent headphone monitor stereo outputs via UAD Apollo 8 Duo
1 x Art Head Amp 6 - six channel headphone amp
1 x Tascam MH-40 mkII - 4 channel headphone amp
1 x Conny Plank 1970 custom single channel Headphone Amp
6 x Bayer Dynamic Studio Headphones
6 x Roland Studio Headphones
Sennheiser XSW Wireless IEM Set
2 x six channel audio splitters

DAW Software:

Protools, Logic Pro, FL Studios, Luna & Ableton

Midi Interface:

Motu Midi Express 8
Kenton Pro 2 Midi CV Converter

Outboard:

8x Desk Mounted Barth U311 Gold Cap 1970s Compressor/ Limiter/ Gate Units
4 x Valley People Kepex II Gates
Lexicon 480L Reverb Unit
2 x Joe Meek Signature Stereo Compressor Units
Focusrite ISA220 Channel Strip
Duel GML Massingburg Preamp Unit
TLA Duel Valve Preamp/ Di Unit
Digimax FS 8 Channel Preamp Unit
Roland Chorus Echo Tape Delay
Apex Aural Exiter
Korg Toneworks Rackmount Tuner
Akai S1000 Rackmount Sampler Unit
Antares ATR-1 Rackmount Autotune Unit
DBX 120XP Subharmonic Synthesiser Unit

UAD Console-

The studio's UAD Apollo interfaces coupled with 2 x UAD Quad Satellites offer the ability to insert UAD hardware emulation plugins into the recording chain as if they were hardware units. The studio has a vast collection of UAD plugins including Urei, Pultec, Fairchild, Manley, Neve, API, SSL, Avalon, DBX, Empirical Labs, Oxford, SPL, Teletronics, Chandler, Tubetech and many more.

Monitors:

Yamaha NS10M via Quad 405-2 Amp,
Genelec BiAmp 1031a,
Adam S3H-X
Auratone 5c Sound Cube via Alesis RA150 Amp.

Plugins:

The studio has a comprehensive range of genuine industry standard Plugins and VSTi instruments from Air, Antares, Arturia, Avid, Ceremony, Cableguys, Eiosis, Eventide, Fab Filter, Future Audio Workshop, Isotope, Korg, Massey, Melda, Mixland, Native Instruments, Oeksound, Output, Plug and Mix, SPL, Polyverse, Process Audio, Pulsar, Slate Digital, Softube, Sonnox, Soundtoys, Spectrasonics, Steven Slate, Sugar Bytes, Synchro Arts, Universal Audio, UVI, Valhalla, Waves, Wave Factory, Xfer Records, XLN and many others





Live Room - Studio Specs

The Studio 7 live room is aprox 500 square feet in size, has 32 line outs and 8 lines in. Continuing the seventies inspired design of the control room hessian coated panels of sound proofing absorb muddy low end frequencies while it's pinewood linings enhance the presence of mid range and high frequency reflections.

A large acoustic window gives a clear view of the control room beyond and a specially built tall cupboard houses 4 full sized wheel-able acoustic screens. The live room has a smaller alcove at one end with five lockable equipment cupboards that will ensure safe storage of all visiting artist's equipment. The live room is easily big enough for pre-recording rehearsals and live pre-production. It comes equipped with a 16 channel mixing desk, a PA and a large selection of drum kits, amps and equipment.

PA:

Allen & Heath MixWizard WZ3 16:2 Analogue Mixing Desk
 2 x RCF Evox 8 Active Speakers (tops & subs)
 2 x Mackie c3000z Passive Speakers
 ProSound 1000 watt power amp
 Yamaha Mg10XU Mini Mixing desk + FX
 3 x assorted Mini Mixers

Live Monitors

2 x Mackie ARM450 active monitors
 1 x Mackie SRM350 active monitors
 1 x dbTechnologies B Hype 8 active monitor

Guitar Amplifiers:

1964 Vox AC30
 1973 Fender Twin Silverface
 1984 Roland JC120 Jazz Chorus
 1987 JC77 Jazz Chorus
 1978 Calsbro Cobra Lead
 1981 H&H Studio Fifty
 Peavey TK0 65

Bass Amp:

1969 Ampeg B15 Bass Combo
Ampeg Classic Bass head
Ampeg Classic 8x10 Cab
Fender Bassman 800 bass head
Fender 810 8x10 Bass cab

Guitars and Basses:

1988 Les Paul Studio Guitar
1996 Fender Telecaster USA
1993 Yamaha SE812 Guitar Japan
Fender VI Baritone Guitar Mexico
1959 Fender Precision Bass
G&L L2500 5 string Bass
1982 Vox Standard Bass
Breedlove ABJ250 Acoustic Bass Guitar

Keyboards and Drum Machines:

1983 Sequential Circuits Prophet 5 Synth
1982 Roland Juno 60 Synth
1984 Yamaha DX7 Synth
1985 Korg Poly 800 mkII Synth
1981 Yamaha SK-15 String Machine
Korg MS2000 Synth
1969 Whirlitzer Electric Piano
1980 Rhodes MkII Electric Piano
Roland TR909 Drum Machine
Simmons SDS8 Drum Machine
Fujiha D90e Hammond Emulator Synth
Roland Dr Rhythm DR660 Drum Machine
Roland SPD-SX Drum Sampler Pad
Native Instruments Maschine 2 Controller
Native Instruments Komplete Kontrol S49 Midi Keyboard
M-Audio Axiom Midi Keyboard
Casio DG-20 Digital Guitar
Casio DG-1 Digital Guitar



Drum Kit:

Yamaha 9000 Recording Custom Drum Kit
Hokkaido birch Cherry Red
10" and 12" Rack Toms. 14" and 15" Floor Toms
22" Bass Drum.

Ludwig Black Beauty Brass Snare 14" x 6.5"
Tama Imperial Star Steel Snare 14" x 5"
Pearl Masters Maple Custom Snare 14" x 6.5"
Remo Brass Picallo Snare 14 x 3.5

Range of Zildjian, Sabien, Meinl and Paste Cymbals

Microphones:

Mojave MA-300 Multi Pattern Valve Condenser Mic with control unit and power supply
2 x Neumann TLM103 Condenser Mics
2 x Sontronics Helios Multi Pattern Valve Condenser Mics
5 x Sontronics DM-1T Condenser Mics
Sontronics DM-1B Bass Instrument Condenser Mic
2 x AKG 214 Condenser Mics
Rode NT1000 Condenser Mic
2 x Coles 4038 Ribbon Mics
Sontronics Sigma Ribbon Mic
Sennheiser 421 Cardioid Mic
Sontronics Halo Dynamic Guitar Mic
2 x Audio Technica ATM-450 Cardioid Condenser Mic (Side Address)
Shure SM7b Dynamic Vocal Mic
2 x Beyerdynamic M201 TG Dynamic Mic
Shure Beta 52a Bass Drum Mic
Heil PR-48 Bass Drum Mic
AKG D112 Bass Drum Mic
Subkick Bass Drum Mic (NS10 cone)
Sure PG56 Dynamic Mic
Sure Beta 57a Dynamic Mic
8 x Shure SM58 Dynamic Mic
8 x Shure SM57 Dynamic Mic
2 x Line 6 XD-V35 UHF wireless Mics + Receivers
Sennheiser XSW 1-835 UHF wireless Mic + Receiver



Vocal Booth:

Studio 7's second live room is a vocal booth/ dead room situated right next to the control room. It has 16 inputs and is big enough to incorporate a full sized drum kit. It is fully acoustically lined to stop most audio reflection. It has sliding glass doors at the front providing a perfect view into the control room and a live video feed connects to the main live room providing any singer or musician recording a live session a view of the band.

DI Boxes:

6 x Studiospares Active DI box
Art Dual Direct Stereo DI box
IMG DIB-100 Pro Direct DI box
Susan Blue Transformerless Active DI box
Meridian NDI - 100m Active DI Box
Passac EC-1 Acoustic EQ/ Preamp

DJ Equipment:

2 x Pioneer CDJ2000 USB/CD Decks
Pioneer DJM800 Mixer
Technics Quartz SL-1210 Mk II Vinyl Deck
Gorilla Pro DJ Booth + Overhead Mounting Bar
1 x dbTechnologies B Hype 8 DJ monitor
Lap Top Stand

North 17 Studios:

Studio 7 is part of a divided 2000 square ft Warehouse in Tottenham Hale. The other part of the Warehouse belongs to North 17 Studios - a professional Grade Photography studio owned by Laurence Loveless. Complete with 9m x 9m infinity cove, styling room, green room, kitchen and bathroom with shower North 17 Studios can be hired as part of Studio 7. It's main 1000 square Ft space is great for large room recording and big enough to fit a small orchestra or choir.

Artists can also incorporate a photoshoot into their recording schedule or if they require extra space use the studio for green rooms and lounge areas. It also make a great office working space.

