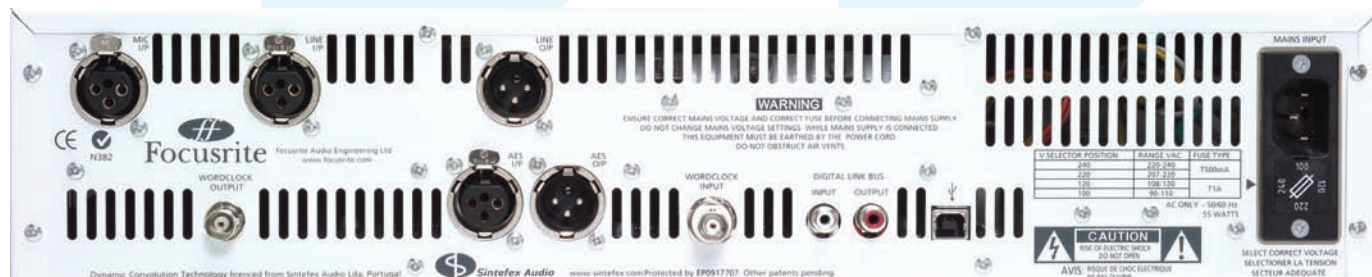


# Liquid Channel

Any mic pre and compressor in history



➔ The Liquid Channel™ is a revolutionary professional channel strip that emulates a plethora of classic mic-pres and compressors. Combining radical new analogue pre-amp technology with Dynamic Convolution™ techniques, The Liquid Channel fuses cutting-edge analogue design with lightning fast SHARC DSP.

## What is Dynamic Convolution?

The application of a unique, level-dependant set of responses to an audio signal. These measured responses, sampled at numerous levels and with a multitude of setting combinations, are applied to the input stream on a sample-by-sample basis for extremely convincing results.

## Why the analogue pre-amp?

Mic-pre emulation can't be achieved with software alone. Hardware is required in addition to account for the physical interaction with the microphone. As a result, Focusrite invested vast amounts of time and energy into designing and building the ultimate 'liquid' pre-amplifier, able to match the input impedance and signal path (transformer or electronic) of the device being emulated.

Augmented by fully digital controls and optional remote software, The Liquid Channel provides the ultimate fluid vintage collection.

- ⦿ Loaded with 40 classic mic-pre and 40 classic compressor emulations
- ⦿ Endlessly expandable library of emulations via USB download
- ⦿ 100 Programme Memories allow you to save every parameter
- ⦿ File format provides easy transfer to other Liquid users
- ⦿ LiquidControl™ software allows comprehensive remote operation
- ⦿ 192kHz internal processing and ADC/DAC as standard
- ⦿ New Focusrite Digital EQ based on the Forte Suite software
- ⦿ Adjustable harmonic distortion accounts for variance in vintage originals
- ⦿ Cascade up to 8 units for multichannel-linking of all parameters



LiquidControl GUI

"Liquid Technology is the final product of two years pure research into what makes an analogue box sound exactly the way it does. The results of this research have enabled us to develop a hybrid system of analogue and digital technology, capable of recreating every sonic attribute of any classic processor. Focusrite has a history of manufacturing high performance equipment, and of making that technology affordable to all those at every level of the recording industry. The Liquid Channel goes further and makes the obsolete, the priceless and the historically significant, available to everybody for the first time."

**Robert Jenkins – Director of Product Strategy – Focusrite.**

For in-depth details of connections, specifications and comprehensive performance figures, please visit [www.focusrite.com](http://www.focusrite.com)

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Revolutionary Liquid Technology | Ultimate Analogue Pre-amp | Everyone needs Liquid

audio heritage | sonic integrity | professional solutions

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# Liquid Channel | Emulations

## MICROPHONE PRE-AMPLIFIERS

- FLAT e-BAL/CLEAN SOUND 10kΩ ELECTRONIC Liquid Channel transparent transformerless mono mic-pre.
- FLAT trfmr/CLEAN SOUND 10K Ω Liquid Channel transparent transformer based mono mic-pre.
- THE GUV/BRIT MODERN SOLID STATE 1 Emulation of an AMEK Pure Path\* dual micpre. amp (transformer-like amplifier) (UK) serial # unknown.
- VALVE/US MODERN HYBRID 1 Emulation of an APHEX Thermionics Model 1100\* discrete Class A tube dual mic-pre. (US) serial # 1134
- US TRANY/US CLASSIC DISCRETE 1 Emulation of an API 3124+\* discrete quad mic-pre. (US) serial # 10149
- TRANY H/ US CLASSIC DISCRETE 1 HOT Emulation of an API 3124+\* discrete quad mic-pre. (US) serial #10149
- SILVER 1A/US MODERN DISCRETE 1 HΩ Emulation of an AVALON AD 2022\* dual mono Class A pre-amp. (US) serial # 28136 (Impedance set to 'mic')
- SILVER 1B/US MODERN DISCRETE 1 MΩ Emulation of an AVALON AD 2022\* dual mono Class A pre-amp. (US) serial # 28136 (Impedance set to 'mic')
- SILVER 2/ US MODERN TUBE 1 Emulation of an AVALON VT-737SP\* valve channel strip (US) serial # 12545
- BRIT 70'S/ BRIT CLASSIC DESK 3 Emulation of a CADAC G Series 268E\* console mic-pre. (UK) serial # unknown.
- BIRD BRAIN/US MODERN SOLID STATE 1 Emulation of a CRANE SONG LTD Flamingo\* dual channel discrete Class A mic-pre. (US) serial # unknown.
- BIG BLUE A/US /CLASSIC SOLID STATE 1Ω Emulation of a dbx 786\* dual mic-pre. (US) serial # FN97BD-10029
- BIG BLUE B/US /CLASSIC SOLID STATE 1 LΩ Emulation of a dbx 786\* dual mic-pre. (US) serial # FN97BD-10029
- WASP 1/BRIT CLASSIC TUBE 1 Emulation of a DRAWMER 1960\* vacuum tube compressor amplifier (UK) serial # 1002
- SCARLET/ US BOUTIQUE TUBE 1 Emulation of a DW FEARN VT-2\* dual channel vacuum mic-pre. (US) serial # 38
- FF ISA 110/ FOCUSRITE CLASSIC ISA 110 Emulation of a FOCUSRITE ISA 110 mono micpre./EQ (UK) serial # 665
- FF GREEN 5/ FOCUSRITE GREEN CHANNEL STRIP Emulation of a FOCUSRITE GREEN 5 CHANNEL STRIP(UK) serial # G005116
- FF RED 1/ FOCUSRITE CLASSIC RED 1 Emulation of a FOCUSRITE RED 1 quad Class A mic-pre. (UK) serial # F07858T
- BIG TUBE A/ US BOUTIQUE TUBE 2 LΩ Emulation of a GROOVES TUBES VIPRE\* variable impedance pre-amp. (US) serial # unknown. (Rise Time Slow setting.)
- BIG TUBE B/ US BOUTIQUE TUBE 2 MΩ Emulation of a GROOVES TUBES VIPRE\* variable impedance pre-amp. (US) serial # unknown. (Rise Time Slow setting.)
- SAVILLEROW/ BRIT CLASSIC DESK 4 Emulation of a HELIOS\* console mic-pre./EQ (UK) serial # unknown. (Colour Green.)
- DUNK/ US MODERN TUBE 2 Emulation of a MANLEY SLAM!\* Transformer/valve mic-pre. (US) serial # SLAM120.
- NEW AGE 1/ US MODERN DISCRETE 3 Emulation of a MILLENNIA HV-3D\* 8-channel mic-pre. (US) serial # D-367.
- NEW AGE 2A/ US MODERN HYBRID 2A Emulation of a MILLENNIA STT-1\* mono mic pre/channel strip (US) serial # 0-161. (Vacuum tube setting.)
- NEW AGE 2B/US MODERN HYBRID 2B Emulation of a MILLENNIA STT-1\* mono micpre./channel strip (US) serial # 0-161. (Vacuum tube and transformer setting.)
- BRIT DESK1/ BRIT CLASSIC DESK 1 Emulation of a NEVE VR CONSOLE\* mic-pre. (UK) serial # unknown.
- CLASS A 1/ BRIT 70'S CLASS A 1 Emulation of a NEVE 33114\* mono micpre./EQ (UK) serial # unknown
- CLASS A 2A/ BRIT 70'S CLASS A 2 HΩ Emulation of a NEVE 1073\* mono micpre./EQ (UK) serial # 7172K
- CLASS A 2B/ BRIT 70'S CLASS A 2 LΩ Emulation of a NEVE 1073\* mono micpre./EQ (UK) serial # 7172K
- MIX BUSS/ BRIT CLASSIC BUSS Emulation of a SOLID STATE LOGIC FX G384\* stereo compressor (UK) serial # FX384-180
- BRIT DESK2/ BRIT CLASSIC DESK 2 Emulation of a SOLID STATE LOGIC SL 4000 G+\* console compressor (UK) serial # unknown.
- BRIT DESK3/ BRIT MODERN DESK 1 Emulation of a SOLID STATE LOGIC SL 510\* (5000 series dynamics module) (UK) serial # unknown.
- ACME 1/ US MODERN TUBE 3 Emulation of a SUMMIT DCL-200\* dual compressor/limiter (US) serial # 0721076
- ACME 2/ US MODERN TUBE 4 Emulation of a SUMMIT TLA-100A\* tube levelling amplifier (US) serial # 0120429
- LEVELLER/ US CLASSIC TUBE 3 Emulation of a TELETRONIX MODEL LA-2A\* (US) valve compressor/limiter serial # 00227 (Silver face, pre-Harman)
- BRIT TUBE/ BRIT MODERN TUBE 1 Emulation of a TL AUDIO C-1\* dual valve compressor (UK) serial # 121739
- VIKING 1/ DANISH CLASSIC TUBE 1 Emulation of a TUBE TECH CL-1B\* compressor (DK) serial # 04150
- VIKING 2/ DANISH CLASSIC TUBE 2 Emulation of a TUBE TECH LCA 2B\* dual/stereo compressor/limiter (DK) serial # 04010
- STELLAR 1/ US CLASSIC SOLID STATE 1 Emulation of a UNIVERSAL AUDIO 1176LN\* mono limiting amplifier, (US) serial # 1394 (Black face, pre-Harman; a re-issue of the Urei 1176LN)
- STELLAR 2/ US CLASSIC SOLID STATE 2 Emulation of a UREI MODEL 1176LN\* mono limiting amplifier (US) serial # 11854 (Silver face)
- STELLAR 3/ US CLASSIC SOLID STATE 3 Emulation of a UREI/TELETRONIX\* mono levelling amplifier LA-3A (US) serial # 1584 (Black face, 30dB switch setting on rear panel.)
- STELLAR 4/ US CLASSIC OPTICAL 1 Emulation of a UREI LA-4\* compressor/limiter (US) serial # 4832A (Silver face)

## COMPRESSORS

- FLAT COMP/ CLEAN SOUND FREE CONTROLS Focusrite Liquid Channel DSP compressor.
- TRANY C/ US CLASSIC DISCRETE 1C Emulation of an API 2500\* stereo mastering compressor, (US) serial #0016 (Old/Normal/Hard settings.)
- TRANY A/ US CLASSIC DISCRETE 1A Emulation of an API 2500\* stereo mastering compressor (US) serial #0016 (Old/Normal/Soft settings.)
- SILVER 2/ US MODERN TUBE 1 Emulation of an AVALON VT-737SP\* valve channel strip (US) serial #28150
- LIVE SOUND/ BRIT LIVE SOUND 1 Emulation of a BSS DPR402\* dual compressor/limiter (UK) serial #02-9983-B
- LONDON/ BRIT BOUTIQUE TUBE 1 Emulation of a CHISWICK REACH\* (UK) stereo valve compressor serial #RMS0061
- WASP 2/ BRIT CLASSIC SOLID STATE 1 Emulation of a DRAWMER DL221X\* (UK) serial #1008X
- WASP 1/ BRIT CLASSIC TUBE 1 Emulation of a DRAWMER 1960\* (UK) vacuum tube compressor amplifier serial #1002
- BIG BLUE A/ US MODERN SOLID STATE 1A Emulation of a dbx 160S\* (US) compressor/limiter serial # 000004 (Standard compression setting.)
- BIG BLUE B/ US MODERN SOLID STATE 1B Emulation of a dbx 160S\* (US) compressor/limiter serial # 000004 (OverEasy compression setting.)
- US RADIO/ US CLASSIC SOLID STATE 1 Emulation of a dbx 165\* compressor/limiter (US) serial # 1821
- COPY CAT/ US MODERN COPY CAT Emulation of a EMPIRICAL LABS EL8 DISTRESSOR\* (US) serial # 1689
- VINTAGE/ US VINTAGE TUBE 1 Emulation of a FAIRCHILD MODEL 670\* (US) serial # 530
- FF ISA 130/ FOCUSRITE CLASSIC ISA 130 Emulation of a FOCUSRITE ISA 130 (UK) serial # F00069T
- FF GREEN 5/ FOCUSRITE GREEN CHANNEL STRIP Emulation of a FOCUSRITE CHANNEL STRIP (UK) serial # G005116
- FF RED 7/ FOCUSRITE CLASSIC RED 7 Emulation of a FOCUSRITE RED 7 (UK) serial # F06350T
- DUNK A/ US MODERN FET 1 Emulation of a MANLEY SLAM!\* (US) serial # SLAM120 (FET limiter)
- DUNK B/ US MODERN OPTICAL 1 Emulation of a MANLEY SLAM!\* (US) serial # SLAM120 (Elop (opto) limiter)
- PRIMITIVE/ US CLASSIC TUBE 2 Emulation of a MANLEY STEREO "VARIABLE MU"\* (US) serial # MSLC61536
- BIG GREEN/ BRIT CLASSIC OPTICAL Emulation of a JOE MEEK SC2\* COMPRESSOR\* (UK) serial # 05-1038
- NEW AGE 2E/ US MODERN HYBRID 2E Emulation of a MILLENNIA STT-1\* (US) serial # 0-161 (Solid state input, solid state compressor settings.)
- NEW AGE 2A/ US MODERN HYBRID 2A Emulation of a MILLENNIA STT-1\* (US) serial # 0-161 (Vacuum tube input, Vacuum tube compressor settings.)
- CLASS A 1 / BRIT 70'S CLASS A 1 Emulation of a NEVE 2254/A\* dual/stereo compressor/limiter (UK) serial # 5008K
- CLASS A 2/ BRIT 70'S CLASS A 2 Emulation of a NEVE 33609/B\* dual/stereo compressor/limiter (UK) serial # 108
- BRIT DESK1/ BRIT CLASSIC DESK 1 Emulation of a NEVE VR CONSOLE\* compressor (UK) serial # unknown.
- MEAT PIE/ BRIT 60'S CLASS A Emulation of a PYE 84 4060/01\* compressor/limiter (UK) serial # 60
- GRINDER A/ BRIT MODERN DESK COPY A Emulation of a SMART RESEARCH C2\* bus compressor (UK) serial # C217.
- GRINDER B/ BRIT MODERN DESK COPY B Emulation of a SMART RESEARCH C2\* bus compressor (UK) serial # C217. (Crush setting.)

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