

■ COMPRESSOR AND EQ EMULATIONS GUIDE

■ COMPRESSORS (OUTLINE CONTROLS WITH FREE SWITCH INACTIVE)

FLAT COMP/ CLEAN SOUND FREE CONTROLS

Focusrite Liquid Mix DSP compressor

TRANY C/ US CLASSIC DISCRETE 1C

Based on an API 2500*stereo mastering compressor, (US) serial #0016 (Old/Normal/Hard settings.)

All controls – stepped Ratio (with LIMIT at max setting), Attack and Release

TRANY A/ US CLASSIC DISCRETE 1A

Based on an API 2500*stereo mastering compressor (US) serial #0016 (Old/Normal/Soft settings.)

All controls – stepped Ratio (with LIMIT at max setting), Attack and Release

SILVER 2/ US MODERN TUBE 1

Based on an AVALON VT-737SP*valve channel strip (US) serial #28150

All controls – Attack and Release have SLOW and FAST in max and min settings, respectively

LIVE SOUND/ BRIT LIVE SOUND 1

Based on a BSS DPR402* dual compressor/limiter (UK) serial #02-9983-B

All controls – ratio has LIMIT at max setting

LONDON/ BRIT BOUTIQUE TUBE 1

Based on a CHISWICK REACH* (UK) stereo valve compressor serial #RMS0061

No Ratio – Attack starts at THUMP and ranges from 1-11, then SLOW. Release starts at FAST and ranges 1-11, then SLOW

WASP 2/ BRIT CLASSIC SOLID STATE 1

Based on a DRAWMER DL221X* (UK) serial #1008X

All controls

WASP 1/ BRIT CLASSIC TUBE 1

Based on a DRAWMER 1960*(UK) vacuum tube compressor amplifier serial #1002

No Ratio – Attack has FAST, MED and SLOW. Release has 6 settings, 1 being fastest and 6 being slowest

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BIG BLUE A/ US MODERN SOLID STATE 1A

Based on a dbx 160S* (US) compressor/limiter serial # 000004 (Standard compression setting.)

All controls – Attack scale is dB/m (dB per millisecond) and Release scale is dB/S (dB per second)

BIG BLUE B/ US MODERN SOLID STATE 1B

Based on a dbx 160S* (US) compressor/limiter serial # 000004 (OverEasy compression setting.)

All controls – Attack scale is dB/m (dB per millisecond) and Release scale is dB/S (dB per second)

US RADIO/ US CLASSIC SOLID STATE 1

Based on a dbx 165* compressor/limiter (US) serial # 1821

All controls – Attack scale is dB/m (dB per millisecond) and Release scale is dB/S (dB per second)

COPY CAT/ US MODERN COPY CAT

Based on a EMPIRICAL LABS EL8 DISTRESSOR* (US) serial # 1689

Stepped Ratio with NUKE at max setting – Attack and Release range from 1 to 10, with 1 being fastest and 10 being slowest

VINTAGE/ US VINTAGE TUBE 1

Based on a FAIRCHILD MODEL 670* (US) serial # 530

No Ratio or Attack – Release has 6 TC (Time Constant) settings, 1 being fastest and 6 being slowest

FF ISA 115/ FOCUSRITE CLASSIC ISA 115

Based on a FOCUSRITE ISA 115 (UK) serial # F00052T

FF GREEN 5/ FOCUSRITE GREEN CHANNEL STRIP

Based on a FOCUSRITE CHANNEL STRIP (UK) serial # G005116

All controls – stepped Ratio with LIMIT at max setting, Attack has SLOW and FAST at max and min settings, respectively

FF RED 7/ FOCUSRITE CLASSIC RED 7

Based on a FOCUSRITE RED 7 (UK) serial # F06350T

All controls – stepped Ratio, Attack has SLOW and FAST at max and min settings, respectively

DUNK A/ US MODERN FET 1

Based on a MANLEY SLAM!* (US) serial # SLAM120 (FET limiter)

No Ratio – Attack has VF (Very Fast), F (Fast) and M (Med). Release is stepped with CLIP in min setting

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DUNK B/ US MODERN OPTICAL 1

Based on a MANLEY SLAM!* (US) serial # SLAM120 (ELOP (opto) limiter)

No Ratio, Attack and Release

PRIMITIVE/ US CLASSIC TUBE 2

Based on a MANLEY STEREO "VARIABLE MU"* (US) serial # MSLC61536

Attack has SLOW and FAST at max and min settings, Release has FAST, MF (Medium Fast), MED, MS (Medium Slow) and SLOW settings

BIG GREEN/ BRIT CLASSIC OPTICAL

Based on a JOE MEEK SC2* COMPRESSOR* (UK) serial # 05-1038

All controls – Ratio has four presets, 1 being the lightest and 4 being the heaviest compression. Attack and Release have SLOW and FAST at max and min settings

NEW AGE 2E/ US MODERN HYBRID 2E

Based on a MILLENNIA STT-1* (US) serial # 0-161 (Solid state input, solid state compressor settings.)

All controls

NEW AGE 2A/ US MODERN HYBRID 2A

Based on a MILLENNIA STT-1* (US) serial # 0-161 (Vacuum tube input, Vacuum tube compressor settings.)

All controls

CLASS A 1 / BRIT 70'S CLASS A 1

Based on a NEVE 2254/A* dual/stereo compressor/limiter (UK) serial # 5008K

No Attack – stepped Ratio and Release. Release has AUTO at max setting (Automatic Release)

CLASS A 2/ BRIT 70'S CLASS A 2

Based on a NEVE 33609/B* dual/stereo compressor /limiter (UK) serial # 108

No Attack – stepped Ratio and Release. Release has AUTO1 and AUTO2 at max settings (Automatic Release)

BRIT DESK1/ BRIT CLASSIC DESK 1

Based on a NEVE VR CONSOLE* compressor (UK) serial # unknown.

All controls – Ratio has LIMIT at max setting, Attack has FAST and NORM settings

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MEAT PIE/ BRIT 60'S CLASS A

Based on a PYE 84 4060/01* compressor/limiter (UK) serial # 60

No Attack – stepped Ratio (with LIMIT at max setting) and Release

GRINDER A/ BRIT MODERN DESK COPY A

Based on a SMART RESEARCH C2* bus compressor (UK) serial # C217.

All controls – stepped Ratio (with LIMIT at max setting), Attack and Release (with AUTO at max setting)

GRINDER B/ BRIT MODERN DESK COPY B

Based on a SMART RESEARCH C2* bus compressor (UK) serial # serial # C217.

(Crush setting.)

All controls – stepped Ratio (with LIMIT at max setting), Attack and Release (with AUTO at max setting)

MIX BUSS/ BRIT CLASSIC BUSS

Based on a SOLID STATE LOGIC FX G384* stereo compressor (UK)

serial # FX384-180

All controls – stepped Ratio, Attack and Release (with AUTO at max setting)

BRIT DESK2/ BRIT CLASSIC DESK 2

Based on a SOLID STATE LOGIC SL 4000 G+* console compressor (UK)

serial # unknown.

All controls – stepped Ratio (with LIMIT at max setting) and Attack with FAST and NORM settings

BRIT DESK3/ BRIT MODERN DESK 1

Based on a SOLID STATE LOGIC SL 510* (5000 series dynamics module) (UK)

serial # unknown

All controls – stepped Ratio (with LIMIT at max setting) and Attack with FAST and NORM settings

ACME 1/ US MODERN TUBE 3

Based on a SUMMIT DCL-200* dual compressor/limiter (US) serial # 0721076

All controls – 10 ratio settings with 1 being the lightest and 10 the heaviest compression

ACME 2/ US MODERN TUBE 4

Based on a SUMMIT TLA-100A* tube levelling amplifier (US) serial # 0120429

All controls - 10 ratio settings with 1 being the lightest and 10 the heaviest compression, Attack and Release have FAST, MED and SLOW settings

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LEVELLER/ US CLASSIC TUBE 3

Based on a TELETRONIX MODEL LA-2A* (US) valve compressor/limiter serial # 00227 (Silver face, pre-Harman)

Attack and Release are fixed – Ratio switches between COMP and LIMIT modes

BRIT TUBE/ BRIT MODERN TUBE 1

Based on a TL AUDIO C-1*dual valve compressor (UK) serial # 121739

All controls – stepped Ratio, Attack and Release (both with SLOW and FAST at max and min settings)

VIKING 1/ DANISH CLASSIC TUBE 1

Based on a TUBE TECH CL-1B* compressor (DK) serial # 04150

Attack and Release are fixed – stepped Ratio

VIKING 2/ DANISH CLASSIC TUBE 2

Based on a TUBE TECH LCA 2B* dual/stereo compressor/limiter (DK) serial # 04010

No Release – stepped Ratio, Attack switches between 6 Presets

STELLAR 1/ US CLASSIC SOLID STATE 1

Based on a UNIVERSAL AUDIO 1176LN* mono limiting amplifier, (US) serial # 1394 (Black face, pre-Harman; a re-issue of the Urei 1176LN)

All controls – Ratio has four settings with the fifth being all buttons on the front panel pressed

STELLAR 2/ US CLASSIC SOLID STATE 2

Based on a UREI MODEL 1176LN* mono limiting amplifier (US) serial # 11854 (Silver face)

All controls – Ratio has four settings with the fifth being all buttons on the front panel pressed

STELLAR 3/ US CLASSIC SOLID STATE 3

Based on a UREI/TELETRONIX* mono levelling amplifier LA-3A (US) serial # 1584 (Black face, 30dB switch setting on rear panel.)

Attack and Release are fixed – Ratio switches between COMP and LIMIT modes

STELLAR 4/ US CLASSIC OPTICAL 1

Based on a UREI LA-4* compressor/limiter (US) serial # 4832A (Silver face)

Attack and Release are fixed – stepped Ratio

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■ EQs

DIGI-FILTER

Focusrite Digital Low-pass and High-pass filter

CLASS A 2: based on a Neve 1073 ser. 1742

HPF - OFF and switched Freq

LF shelf - OFF and switched Freq, Variable Gain

MF Bell - OFF and switched Freq, Variable Gain, freq-dependent Q

HF shelf - Vari Gain

TRANY 4: based on an API 550b ser. 02212

LF shelf/bell - Vari Gain and Freq

LMF bell - Vari Gain and Freq

HMF bell - Vari Gain and Freq

HF shelf/bell - Vari Gain and Freq

TRANY 5: based on an API 559 ser. AX-GP02211

Bell - Vari Gain, switched Freq x 7 (Bell 2, Bell 3....)

7 Identical bands to emulate a graphic EQ

OLD TUBE 1: based on a Pultec EQP1 ser. 1253

LF Boost - Variable Gain, switched Freq

LF Cut - Bands 1 and 2 are interactive (both use the same Freq control)

MF bell boost - Fully parametric

HF Cut - Vari Gain

OLD TUBE 2: based on a Pultec MEQ5 ser. 1742

LMF bell boost - Vari Gain, switched Freq

MF bell cut - Vari Gain, switched Freq

HMF bell boost - Vari Gain, switched Freq

PLATINUM 1: based on a Focusrite VoiceMaster ser. p070110

HPF - Variable Freq

Warmth bell - Vari Gain and Freq, gain-dependent Q

Presence bell - Vari Gain, gain-dependent Q

Absence (around 4k) - On/Off

HF shelf - Vari Gain

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ISA115: based on a Focusrite ISA 115

HPF - Switched Freq
 LPF - Switched Freq
 LMF bell - Fully parametric, x 3 Freq option
 HMF bell - Fully parametric, x 3 Freq option
 LF shelf - Vari Gain, switched Freq
 HF shelf - Vari Gain, switched Freq

CLASS A 4: based on a Neve 1058 ser. 375

LF shelf - Vari Gain
 MF Bell - Vari Gain and Freq
 HF shelf - Vari Gain

TRANY 3: based on an API 550A ser. 4445

Filter (giant band-pass) - Fixed, On/Off
 LF bell/shelf - Vari Gain, switched Freq
 MF bell - Vari Gain, switched Freq
 HF bell/shelf - Vari Gain, switched Freq

SILVER 3: based on an Avalon Vt 747sp ser. 27093 (stereo channel strip with graph EQ)

15 Hz LF shelf - Vari Gain, with Solid State or Tube signal paths in Shape options
 125Hz Bell - Vari Gain, with Solid State or Tube signal paths in shape options
 500Hz Bell - Vari Gain, with Solid State or Tube signal paths in Shape options
 2kHz Bell - Vari Gain, with Solid State or Tube signal paths in Shape options
 5kHz shelf - Vari Gain, with Solid State or Tube signal paths in Shape options
 32kHz shelf - Vari Gain, with Solid State or Tube signal paths in Shape options

OLD TUBE 3: based on a Pultec EQH2 ser. 4670

LF boost - Variable Gain, switched Freq
 LF Cut - bands 1 and 2 are interactive with linked Freq
 HMF bell boost - Vari Gain, switched Freq
 HF shelf Cut - Vari Gain

VINTAGE 3: based on an EAR 822Q ser. TH82

LF boost - Vari Gain, switched Freq
 LF cut - Bands 1 and 2 are interactive with linked freq
 MF bell boost - Vari Gain and Q, switched Freq
 HF shelf Cut - Vari Gain

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BRIT DESK 4: based on an SSL E-series ser. XCH164

HPF - Vari Freq
 LPF - Vari Freq
 LF shelf/bell - Variable Gain and Freq
 LMF bell - Vari Gain, Freq and Q
 HMF bell - Vari Gain, Freq and Q
 HF shelf/bell - Vari Gain and Freq

BRIT DESK 5: based on an SSL G-series ser. XCH177

HPF - Variable Freq
 LPF - Vari Freq
 LF shelf/bell - Vari Gain and Freq
 LMF bell - Vari Gain, Freq and Q
 HMF bell - Vari Gain, Freq and Q
 HF shelf/bell - Variable Gain and Freq

HUGE TUBE: based on a Manley Massive Passive – ser. MSMPX1100

HPF - Switched Freq
 LPF - Switched Freq
 LF shelf/bell - Vari Gain, Freq and Q
 LMF shelf/bell - Vari Gain, Freq and Q
 HMF shelf/bell - Vari Gain, Freq and Q
 HF shelf/bell - Vari Gain, Freq and Q

BRIT DESK 6: based on an AMEC Angela ser. 1314

HPF - Fixed – On/Off
 LPF - Fixed – On/Off
 LF shelf boost - Vari Gain, switched Freq
 LMF bell - Vari Gain and Freq, switched Q
 HMF bell - Vari Gain and Freq, switched Q
 HF shelf - Vari Gain, switched Freq

SILVER 2: based on an Avalon Vt 737sp ser. 12545

HPF - Variable Freq
 LF shelf - Vari Gain and Freq
 LMF Bell - Vari Gain and Freq, with x 10 in Shape options and 2 Q settings
 HMF Bell - Vari Gain and Freq, with x 10 in Shape options and 2 Q settings
 HF shelf - Vari Gain and Freq

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SILVER 4: based on an Avalon 2055 ser. 10747

LF shelf/bell - Vari Gain, switched Freq

LMF bell - Fully parametric, optional x 10 Freq setting

HMF bell - Fully parametric, optional x 10 Freq setting

HF shelf/bell - Vari Gain, switched Freq

PLATINUM 2: based on a Focusrite Bass Factory

HPF - Variable Freq (linked to Band 2)

LPF - Variable Freq (linked to Band 1)

Bass - Vari Gain

Mid - Vari Gain

Treble - Vari Gain - optional HMF (lower freq) setting

LF shelf/bell - Vari Gain and Freq, optional high Q setting in bell mode

HF shelf/bell - Vari Gain and Freq, optional high Q setting in bell mode

ZEBRA 2: based on a Chandler Limited EMI Passive TG channel Abbey Rd ser. 001112

HF shelf boost - Vari Gain, switched Freq

MF bell boost - Vari Gain, switched Freq, frequency-dependent Q with optional high Q setting

MF bell cut - Vari Gain, switched Freq, high Q

LF shelf/bell boost - Vari Gain, switched Freq, freq-dependent Q

LF cut - Vari Freq

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