

MIC/LINE INPUTS

2 1 2 1



m - + m - + m - + m - +



INPUT

LEVEL SET

MIC

LINE

50 dBu

30 dBu

20 dBu

10 dBu

+4 eBu

FLAT/10K

INVERT

MUTE

DIGITAL TRIM

0.00

TEST TONES

ACTIVE

WHITE

PINK

SINE

16k 20k

6.3k 8k

2.5k 3.15k

1k 1.25k

400 500

160 200

63 80

25 31.5

3150 Hz

INPUT

LEVEL SET

MIC

- 50 dBu
- 30 dBu
- 20 dBu

LINE

- 10 dBu
- +4 eBu

PHANTOM

INVERT

MUTE

DIGITAL TRIM

0.00

+12 +12

+6 +6

+0 +0

-6 -6

-12 -12

-18 -18

-24 -24

-30 -30

-36 -36

-42 -42

-48 -48

-54 -54

-60 -60

-66 -66

∞ ∞

TEST TONES

ACTIVE

SQUARE

PULSE

SINE

100 Hz

200 Hz

500 Hz

1 kHz

2 kHz

5 kHz

10 kHz

20 kHz

3150 Hz

INPUT

LEVEL SET

MIC

- 50 dBu
- 40 dBu
- 20 dBu

LINE

- 10 dBV
- +4 dBu

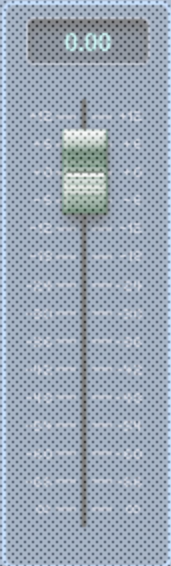
PHANTOM

INVERT

MUTE

DIGITAL TRIM

0.00



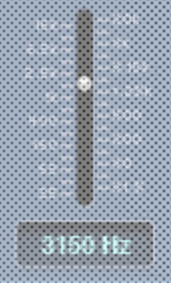
TEST TONES

ACTIVE

SQUARE

PULSE

SINE



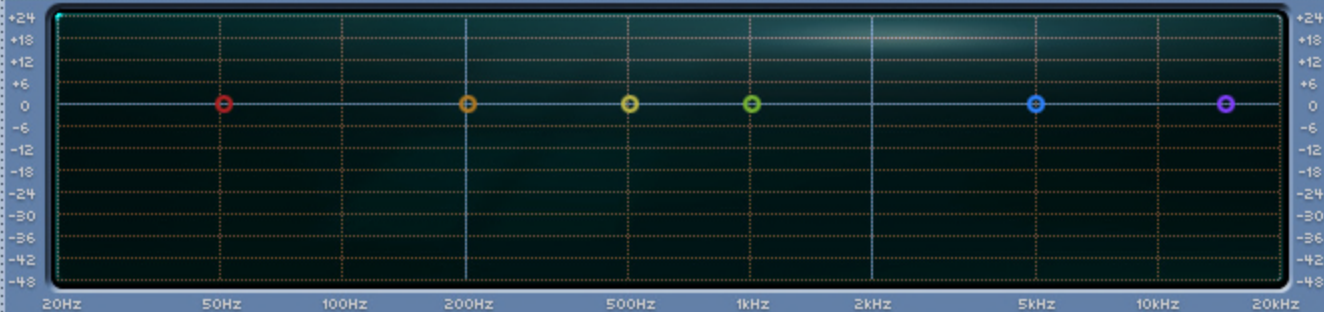
3150 Hz

INPUT

CH. 1



BRITISH EQ



EQUALIZER

ACTIVE

RUMBLE FILTER ACTIVE

Freq(Hz): 150.00

LOW SHELF ACTIVE

Freq(Hz): 50.00

Gain: 0.00dB

LOW PARA ACTIVE

Freq(Hz): 200.00

Gain: 0.00dB

Octave: 2.00

MID PARA ACTIVE

Freq(Hz): 1000.00

Gain: 0.00dB

Octave: 1.00

HIGH PARA ACTIVE

Freq(Hz): 5000.00

Gain: 0.00dB

Octave: 0.50

HIGH SHELF ACTIVE

Freq(Hz): 15000.0

Gain: 0.00dB

BRITISH EQ

GATE COMP MIXER PARAM EQ 

FEEDBACK

LIMITER

GATE
EXPANDER
DE ESSER
DS / EXP
COMP
SPLIT COMP

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

GATE

Threshold 20.0dB

-24 0 +24

Range 50 dB

0 -50 0/25

Attack 1.80 ms

0ms 1.00s 2.00s

METERING

DATE

OUT

+20
+10
0
-10
-20
-30
-40
-50+20
+10
0
-10
-20
-30
-40
-50

BRITISH EQ

GATE

COMP

MIXER

PARAM EQ

FEEDBACK

LIMITER

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

GATE

Threshold 20.0dB

-24 0 +24

Range 50 dB

0 -50 0.00

Attack 1.80 ms

0.00 1.00 2.00

METERING

DATE

OUT

+20
+10
0
-10
-20
-30
-40
-50+20
+10
0
-10
-20
-30
-40
-50

GATE

Threshold -20.0dB

Range -50 dB

Attack 1.80 ms

Hold 250.00 ms

Release 4.2 sec

METERING

GATE **OUT**

+0 -3 -6 -9 -12 -15 -18 -21 -24


+24 +18 +12 +6 +0 -6 -12 -18 -24 -30 -36 -42 -48

EFFECT

ACTIVE

EXPANDER

Threshold **-20.0dB**



A horizontal slider control for the threshold parameter. The scale ranges from -24 to +24 dB, with a central marker at 0. A green knob is positioned at -20.0 dB.

Ratio **-50 dB**



A horizontal slider control for the ratio parameter. The scale ranges from 1:1 to 20:1, with a central marker at 4.5:1. A yellow knob is positioned at 4.5:1.

Attack **1.80 ms**



A horizontal slider control for the attack parameter. The scale ranges from 4ms to 100ms. A red knob is positioned at 1.80 ms.

Release **250.00 ms**



A horizontal slider control for the release parameter. The scale ranges from 5ms to 5.8s. A red knob is positioned at 250.00 ms.

METERING

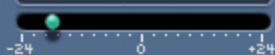


EFFECT

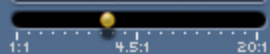
ACTIVE

COMPRESSOR

Threshold **-20.0dB**



Ratio **4 : 1**



Attack **1.80 ms**

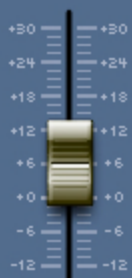


Release **250.00 ms**



OUTPUT GAIN

+5.96 dB



METERING

COMP

OUT



KNEE SELECTION

SOFT

MEDIUM

HARD

EFFECT

ACTIVE

ADAPTIVE DE-ESSER

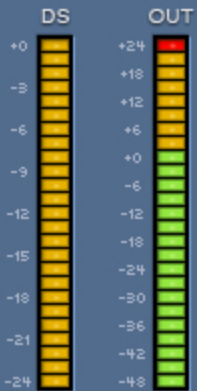
DE-ESSER

GENTLE

NORMAL

AGGRESSIVE

METERING



EFFECT

ACTIVE

SPLIT BAND COMPRESSOR

LOW

Threshold **-20.0dB**

Ratio **4 : 1**

Attack **1.80 ms**

Release **250.00 ms**

OUTPUT GAIN **+5.96 dB**

KNEE SELECTION

FREQUENCY SPLIT

2.5 kHz

3.0k
5.0k
6.3k
8.0k
1.0k
1.25k
1.6k
2.0k
2.5k
3.15k
4.0k
5.0k
6.3k

HIGH

Threshold **-20.0dB**

Ratio **4 : 1**

Attack **1.80 ms**

Release **250.00 ms**

OUTPUT GAIN **+5.96 dB**

KNEE SELECTION

METERING

L - CMP - H OUT

+0 +0 +24
-3 -3 +18
-6 -6 +12
-9 -9 +6
-12 -12 +0
-15 -15 -6
-18 -18 -12
-21 -21 -18
-24 -24 -24
-24 -24 -30
-24 -24 -36
-24 -24 -42
-24 -24 -48

EFFECT

BRITISH EQ

GATE

COMP

MIXER

PARAM EQ

FEEDBACK

LIMITER

COMP
AGC
THE CLAMP

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

COMPRESSOR

Threshold 20.0dB



Ratio 4 : 1



Attack 1.00 ms



OUTPUT GAIN

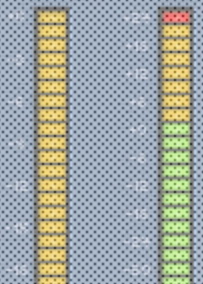
+5.96 dB



METERING

COMP

OUT



BRITISH EQ

GATE

COMP

MIXER

PARAM EQ

FEEDBACK

LIMITER

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

COMPRESSOR

Threshold 20.0dB

24 0 -24

Ratio 4 : 1

1 : 1 4 : 1 8 : 1

Attack 1.00 ms

0ms 2ms 4ms

OUTPUT GAIN

+5.96 dB

+20dB

+10dB

0dB

-10dB

-20dB

METERING

COMP

OUT

0

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

0

-2

-4

-6

-8

-10

-12

-14

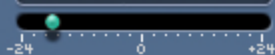
-16

-18

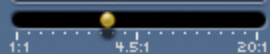
-20

COMPRESSOR

Threshold **-20.0dB**



Ratio **4 : 1**



Attack **1.80 ms**

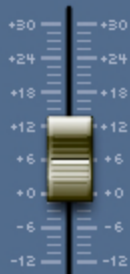


Release **250.00 ms**



OUTPUT GAIN

+5.96 dB



METERING

COMP

OUT



KNEE SELECTION

SOFT

MEDIUM

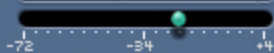
HARD

EFFECT

ACTIVE

AGC

Threshold **-20.0dB**



Ratio **3 : 1**



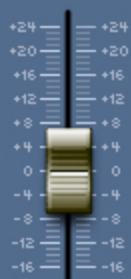
RESPONSE

SLOW

FAST

TARGET OUTPUT
LEVEL

+0.0dB



METERING

IN

OUT



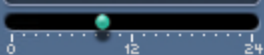
EFFECT

ACTIVE

THE CLAMP

TRIGGER LEVEL

Level **7.5 dBu**



RECOVERY TIME

Seconds **12.5 sec**



LIMIT



CLAMP



METERING

G.R.



OUT



EFFECT

ACTIVE

BRITISH EQ

GATE

COMP

MIXER

PARAM EQ

FEEDBACK

LIMITER

MIXER
DUCKER
SPL CMPTR

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

MIXER

CHANNEL

1

0.00 dB



PAN

32%

CH 1

50%

68%

CH 2

CH 1

CH 1/2

CH 2

BRITISH EQ

GATE

COMP

MIXER

PARAM EQ

FEEDBACK

LIMITER

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

MIXER

CHANNEL

1

0.00 dB



PAN

32%

CH 1

50%

CH 2

68%

CH 1

CH 1/2

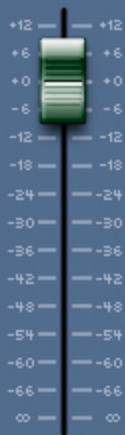
CH 2

MIXER

CHANNEL

1

0.00 dB



PAN

32%

CH.1

50%

CH.2

68%

CH. 1

CH. 1/2

CH. 2

EFFECT

ACTIVE

DUCKER

CHANNEL 2



THRESHOLD



DEPTH



HOLD



EFFECT

ACTIVE

GAIN REDUCTION

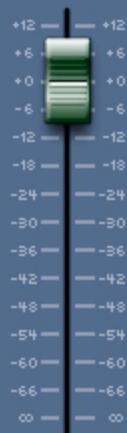


CH. 2
DUCKS
CH. 1

DUCKER MIX

CHAN. 1

0.0 dB



CHAN. 2

0.0 dB



SPL COMPUTER

MAXIMUM GAIN



-5.00 dB

MINIMUM GAIN



- 5.00 dB

GAIN-SENSE RATIO



-12.00 dB

SPEED



8 sec

GAP THRESHOLD



-40dBFS

GAP TIME



45 ms

MAX GAP INTERVAL



30.5 min

GAP DETECT

FORCE GAP NOW

AMBIENT SENSE

LEVEL

THRESHOLD



0.00 dB

+12

+6

+0

-6

-12

-18

-24

-30

-36

-42

-48

AUTO-SET

GAIN

- 5.00 dB

CHAN. 1 = PROGRAM

CHAN. 2 = SENSE

SENSE STATISTICS

HIGH

-30.07 dB

LOW

-70.00 dB

RESET

ACTIVE

BRITISH EQ

GATE

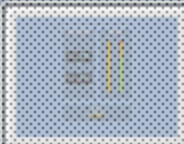
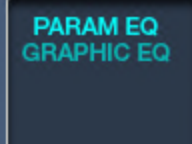
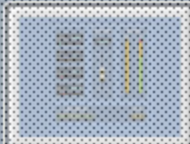
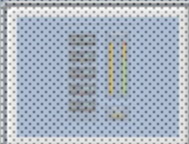
COMP

MIXER

PARAM EQ

FEEDBACK

LIMITER



ACTIVE

ACTIVE

ACTIVE

ACTIVE

PARAM EQ
GRAPHIC EQ

ACTIVE

ACTIVE

8 BAND PARAMETRIC EQ/HPF/LPF/DELAY



ACTIVE

REVERT

EQUALIZER

ACTIVE

1

ACTIVE

2

ACTIVE

3

ACTIVE

4

ACTIVE

5

ACTIVE

6

ACTIVE

7

ACTIVE

8

ACTIVE

Freq: 50.00

Freq: 100.00

Freq: 200.00

Freq: 500.00

Freq: 1000.00

Freq: 2000.00

Freq: 5000.00

Freq: 10000

BRITISH EQ

GATE

COMP

MIXER

PARAM EQ

FEEDBACK

LIMITER

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

8 BAND PARAMETRIC EQ/HPF/LPF/DELAY



ACTIVE

REVERT

EQUALIZER

ACTIVE

1

ACTIVE

2

ACTIVE

3

ACTIVE

4

ACTIVE

5

ACTIVE

6

ACTIVE

7

ACTIVE

8

ACTIVE

Freq: 50.00

Freq: 100.00

Freq: 200.00

Freq: 500.00

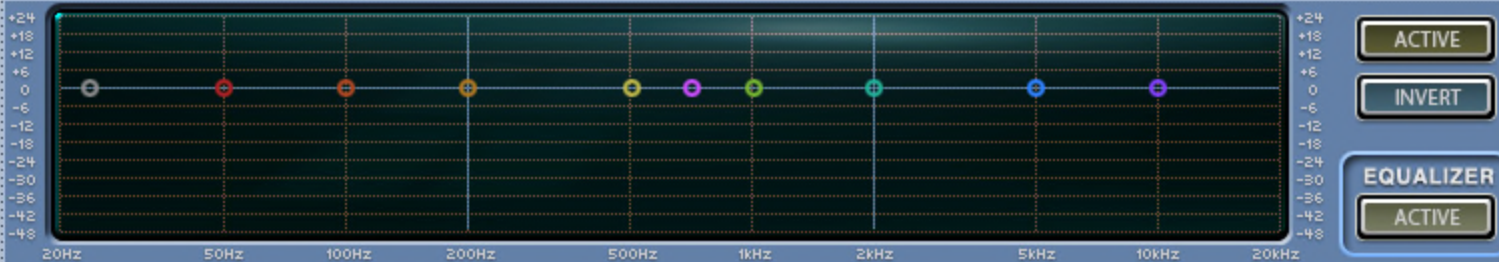
Freq: 1000.0

Freq: 2000.0

Freq: 5000.0

Freq: 10000

8 BAND PARAMETRIC EQ/HPF/LPF/DELAY



ACTIVE

INVERT

EQUALIZER

ACTIVE

1	2	3	4	5	6	7	8
ACTIVE	ACTIVE	ACTIVE	ACTIVE	ACTIVE	ACTIVE	ACTIVE	ACTIVE
Freq(Hz): 50.00	Freq(Hz): 100.00	Freq(Hz): 200.00	Freq(Hz): 500.00	Freq(Hz): 1000.0	Freq(Hz): 2000.0	Freq(Hz): 5000.0	Freq(Hz): 10000
Gain: 0.00dB	Gain: 0.00dB	Gain: 0.00dB	Gain: 0.00dB	Gain: 0.00dB	Gain: 0.00dB	Gain: 0.00dB	Gain: 0.00dB
Octave: 2.00	Octave: 1.00	Octave: 0.50	Octave: 2.00	Octave: 1.00	Octave: 0.50	Octave: 2.00	Octave: 2.00

HIGH PASS FILTER

ACTIVE

Freq: 750.0

Res: 1.00

LINK/UNLINK

LOW PASS FILTER

ACTIVE

Freq: 25.0

Res: 1.00

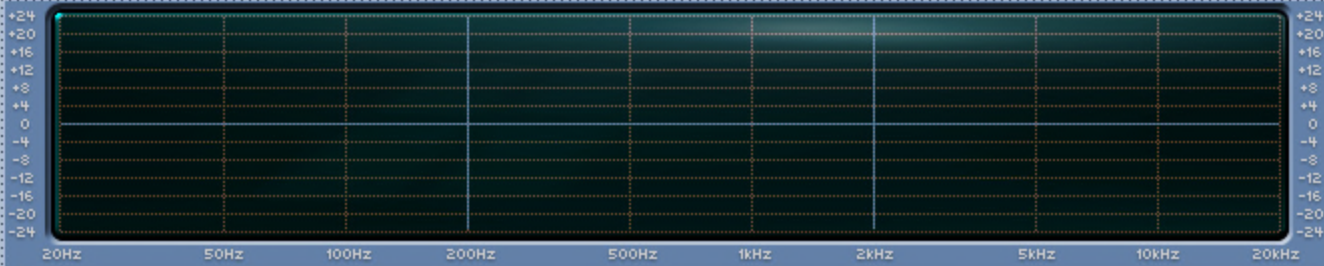
BUTTERWORTH

DELAY

ACTIVE

MilliSeconds: 250.00

31 BAND GRAPHIC EQ/HPF/LPF/DELAY



ACTIVE

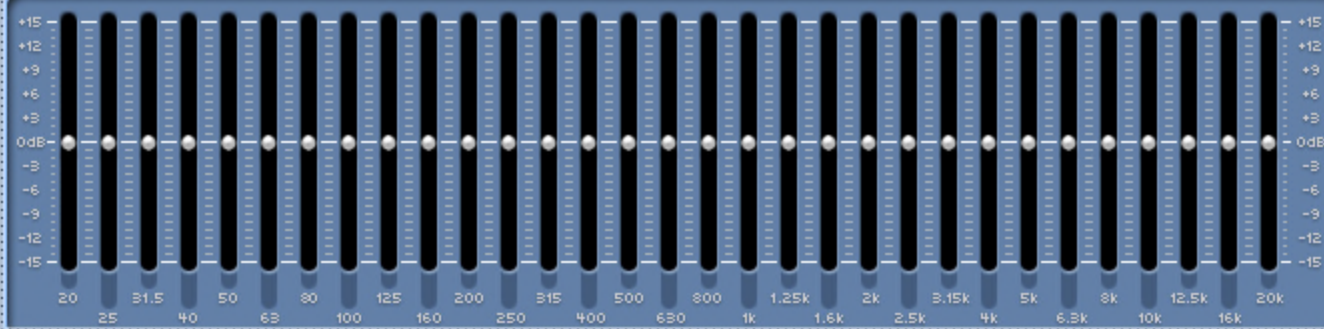
INVERT

EQUALIZER

ACTIVE

EQ BANDS

FLATTEN



HIGH PASS FILTER ACTIVE

Freq: 10000

Q: 1.01

Butterworth
 Bessel
 Chebyshev
 Linkwitz-Riley
 Linkwitz-Riley

LOW PASS FILTER ACTIVE

Freq: 50.0

Q: 1.00

Butterworth
 Bessel
 Chebyshev
 Linkwitz-Riley

DELAY ACTIVE

Delay (ms): 250.00

8 BAND PARAMETRIC EQ/HPF/LPF/DELAY



EQUALIZER

1	2	3	4	5	6	7	8
<input type="button" value="ACTIVE"/>	<input type="button" value="ACTIVE"/>	<input type="button" value="ACTIVE"/>	<input type="button" value="ACTIVE"/>	<input type="button" value="ACTIVE"/>	<input type="button" value="ACTIVE"/>	<input type="button" value="ACTIVE"/>	<input type="button" value="ACTIVE"/>
Freq: 50.00	Freq: 100.00	Freq: 200.00	Freq: 500.00	Freq: 1000.0	Freq: 2000.0	Freq: 5000.0	Freq: 10000
Gain: 0.00dB	Gain: 0.00dB	Gain: 0.00dB	Gain: 0.00dB	Gain: 0.00dB	Gain: 0.00dB	Gain: 0.00dB	Gain: 0.00dB
Q: 2.00	Q: 1.00	Q: 0.50	Q: 2.00	Q: 1.00	Q: 0.50	Q: 2.00	Q: 2.00

HIGH PASS FILTER

Freq: 750.0

Res: 1.00

6 12 18 24
30 36 42 48

BTRRORTH
BESSEL
 LNKH/RILEY

LOW PASS FILTER

Freq: 25.0

Res: 1.00

6 12 18 24
30 36 42 48

BTRRORTH
BESSEL
 LNKH/RILEY

DELAY

Milliseconds: 250.00

FEEDBACK MIGHTY

DYNAMIC FILTER ALLOCATION

ID	Status	Type	FREQ	GAIN	ID	Status	Type	FREQ	GAIN	ID	Status	Type	FREQ	GAIN	ID	Status	Type	FREQ	GAIN
1	In Use	FIXED DYN	50	0.00	5	In Use	FIXED DYN	100	0.00	9	In Use	FIXED DYN	150	0.00	13	In Use	FIXED DYN	200	0.00
2	Unused	FIXED DYN	400	0.00	6	Unused	FIXED DYN	600	0.00	10	Unused	FIXED DYN	800	0.00	14	Unused	FIXED DYN	1000	0.00
3	Unused	FIXED DYN	1500	0.00	7	Unused	FIXED DYN	2000	0.00	11	Unused	FIXED DYN	2500	0.00	15	Unused	FIXED DYN	5000	0.00
4	Unused	FIXED DYN	7500	0.00	8	Unused	FIXED DYN	10000	0.00	12	Unused	FIXED DYN	12500	0.00	16	Unused	FIXED DYN	10000	0.00

FEEDBACK FILTERS

CLEAR

LOCK



FIXED FILTERS

4

PANIC LIMITER

THRESHOLD: OFF



PANIC



FILTER RECYCLE

ENABLE

RECYCLE DELAY

12.00 hours



RESPONSE PRESETS

DEFAULT

MUSIC-BIG ROOM

MUSIC-SMALL ROOM

SPEECH-BIG ROOM

SPEECH-SMALL ROOM

MAXIMUM NOTCH DEPTH:



18.0dB

NOTCH DEPTH STEP SIZE:



1.0dB

FEEDBACK THRESHOLD:



-48.0dB

FILTER BANDWIDTH

1/10 OCTAVE

1/5 OCTAVE

SENSITIVITY

LOW

MEDIUM

HIGH

EFFECT

ACTIVE

LIMITER

LIMITER CONTROLS

Threshold **0.00dB**



Release **161 ms**



METERING

LIM



OUT



EFFECT

ACTIVE

OUTPUT

CH. 1

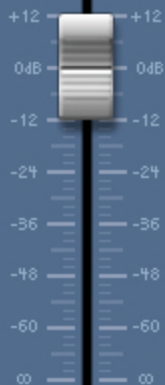


MONO OUTPUT

CHAN. MASTER

MUTE

0.00 dB



LEVEL SET

+4 dBu

-10 dBV

OUTPUTS

2

1



2 1



m - + m - +

Deuce | 722

Integrator Series Symetrix

CHANNEL SELECT

CHANNEL 1

CHANNEL 2

INPUT



MUTE

BRITISH EQ



ACTIVE

GATE



ACTIVE

COMP



ACTIVE

MIKER

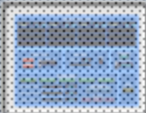
MIKER
DUCKER
SPL COMPTR

PARAM EQ



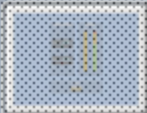
ACTIVE

FEEDBACK



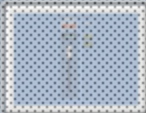
ACTIVE

LIMITER



ACTIVE

OUTPUT



MUTE

Deuce | 722

Integrator Series  Symetrix

CHANNEL SELECT

CHANNEL 1

CHANNEL 2

INPUT



MUTE

BRITISH EQ



ACTIVE

GATE



ACTIVE

COMP



ACTIVE

MIKER

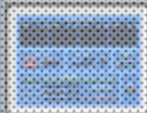
MIKER
DUCKER
SPL COMPTR

PARAM EQ



ACTIVE

FEEDBACK



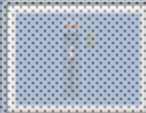
ACTIVE

LIMITER



ACTIVE

OUTPUT



MUTE

Deuce | 722

Integrator Series  Symetrix

Channel Select

CHANNEL 1

CHANNEL 2

INPUT

BRITISH EQ

GATE

COMP

MIKER

PARAM EQ

FEEDBACK

LIMITER

OUTPUT



INPUT

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

INPUT

Deuce | 722

Integrator Series  Symetrix

CHANNEL SELECT

CHANNEL 1

CHANNEL 2

INPUT

BRITISH EQ

GATE

COMP

MIXER

PARAM EQ

FEEDBACK

LIMITER

OUTPUT



MUTE



ACTIVE



ACTIVE

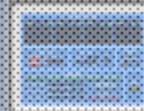


ACTIVE

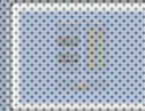
MIXER
DUCKER
SPL CMPTR



ACTIVE



OFF



ACTIVE



MUTE

Deuce | 722

Integrator Series  Symetrix

CHANNEL
SELECT

CHANNEL 1

CHANNEL 2

INPUT



MUTE

BRITISH EQ



ACTIVE

GATE



ACTIVE

COMP



ACTIVE

MIKER

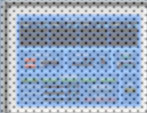
MIKER
DUCKER
SPL COMPTR

PARAM ED



ACTIVE

FEEDBACK



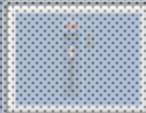
ACTIVE

LIMITER



ACTIVE

OUTPUT



MUTE

INPUT



MUTE

SPITISH EG



ACTIVE

GATE



ACTIVE

COMP



ACTIVE

MKER



ACTIVE

PARAM EG



ACTIVE

FEEDBACK



ACTIVE

LIMITER



ACTIVE

OUTPUT



MUTE

INPUT

CH. 1



722 DSP EDITOR AREA

OUTPUT

CH. 1



INPUT



MUTE

BPTISH EG



ACTIVE

GATE



ACTIVE

CDMP



ACTIVE

MIXER



ACTIVE

PARAM EQ



ACTIVE

FEEDBACK



ACTIVE

LIMITER



ACTIVE

OUTPUT



MUTE

INPUT

CH. 1



722 DSP EDITOR AREA

OUTPUT

CH. 1



INPUT



MUTE

BRITISH EQ



ACTIVE

GATE



ACTIVE

COMP



ACTIVE

MIXER



ACTIVE

PARAM EQ



ACTIVE

FEEDBACK



ACTIVE

LIMITER



ACTIVE

OUTPUT



MUTE

INPUT

CH. 1



F22 COMPRESSOR AREA

OUTPUT

CH. 1



INPUT



MUTE

BYPASS EQ



ACTIVE

GATE



ACTIVE

COMP



ACTIVE

METER



ACTIVE

PARAM EQ



ACTIVE

FEEDBACK



ACTIVE

LIMITER



ACTIVE

OUTPUT



MUTE

INPUT

CH. 1



722 DSP EDITOR AREA

OUTPUT

CH. 1



INPUT

BRITISH EQ

GATE

COMP

MIXER

PARAM EQ

FEEDBACK

ACTIVE

ACTIVE

ACTIVE

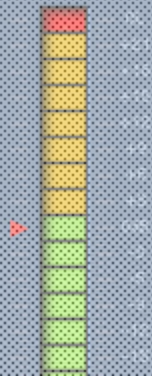
ACTIVE

ACTIVE

ACTIVE

INPUT

CH. 1



INPUT

LEVEL SET

DIGITAL TRIM

TEST TONES



0.00



ACTIVE

WHITE

PINK

SINE



BRITISH EQ

GATE

COMP

MIXER

PARAM EQ

FEEDBACK

LIMITER

ACTIVE

ACTIVE

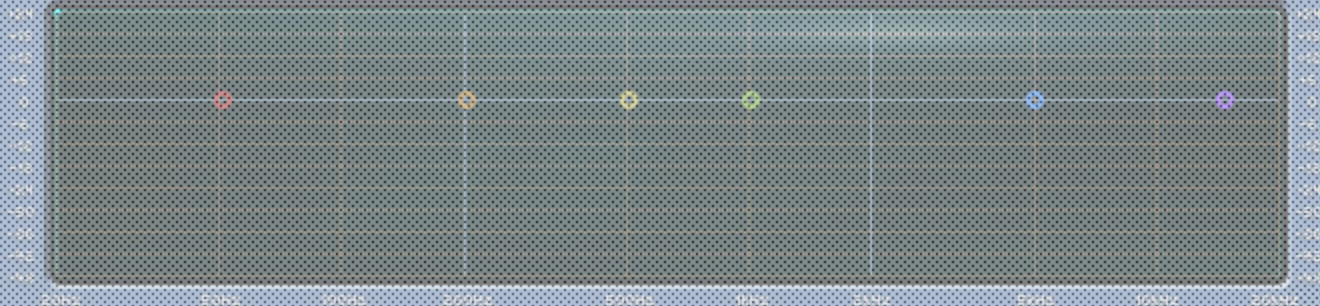
ACTIVE

ACTIVE

ACTIVE

ACTIVE

BRITISH EQ



EQUALIZER

ACTIVE

BRITISH EQ

GATE

COMP

MIXER

PARAM EQ

FEEDBACK

LIMITER

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

FEEDBACK FIGHTER

DYNAMIC FILTER ALLOCATION

1 In Use	PK-02	FREQ	50	Q	0.00	5 In Use	PK-05	FREQ	100	Q	0.00	9 In Use	PK-09	FREQ	150	Q	0.00	13 In Use	PK-13	FREQ	210	Q	0.00
2 Unused	PK-03	FREQ	80	Q	0.00	6 Unused	PK-06	FREQ	120	Q	0.00	10 Unused	PK-10	FREQ	200	Q	0.00	14 Unused	PK-14	FREQ	240	Q	0.00
3 Unused	PK-04	FREQ	100	Q	0.00	7 Unused	PK-07	FREQ	200	Q	0.00	11 Unused	PK-11	FREQ	250	Q	0.00	15 Unused	PK-15	FREQ	300	Q	0.00
4 Unused	PK-01	FREQ	75	Q	0.00	8 Unused	PK-08	FREQ	150	Q	0.00	12 Unused	PK-12	FREQ	175	Q	0.00	16 Unused	PK-16	FREQ	190	Q	0.00

FEEDBACK FILTERS

CLEAN

FIXED FILTERS

4

PANIC LIMITER

THRESHOLD:

OFF

PANIC

FILTER RECYCLE

ENABLE

RECYCLE DELAY

17.00 Seconds

BRITISH EQ

GATE

COMP

MIXER

PARAM EQ

FEEDBACK

LIMITER

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

LIMITER

LIMITER CONTROLS

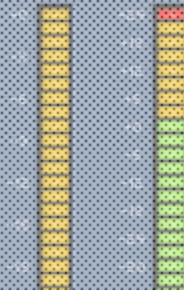
Threshold 0.00dB

-24 0dB +24

Release 161 ms

METERING

LIM OUT



GATE

COMP

MIXER

PARAM EQ

FEEDBACK

LIMITER

OUTPUT



ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

ACTIVE

MUTE

MONO OUTPUT

CHAN. MASTER

MUTE

0.00 dB



LEVEL SET

+4 dBu

-10 dBV

OUTPUT

CH. 1



DE-ESSER / EXPANDER

DE-ESSER

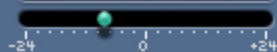
GENTLE

NORMAL

AGGRESSIVE

EXPANDER

Threshold **-20.0dB**



Ratio **-50 dB**



Attack **1.80 ms**



Release **250.00 ms**



METERING

DS



EXP



OUT



EFFECT

ACTIVE