

1: DIGITAL SCRATCH	
1 Input Level	0 — 127 Scratch depth
2 Initial Delay	0.1 — 460.0ms
3 Scratch Speed	1 — 127
4 Scratch Depth	0 — 127
5 Auto Pan Speed	0.00Hz — 39.7Hz
6 Auto Pan Depth	0 — 127
7 EQ Frequency	100Hz — 10.0kHz
8 EQ Gain	-12 — +12dB
9 EQ Width	1.0 — 12.0
10 HPF Frequency	20Hz — 8.0kHz ,thru,
11 Dry/Wet	D63>W — D=W — D<W63
2: AUTO SYNTH	
1 Mod Speed	0 — 127
2 Mod Wave	TypeA, TypeB, TypeC, TypeD
3 Mod Depth	0 — 127
4 Mod Depth Ofst ch	R -64 — +63 R
5 LPF Frequency,	1.0kHz — 18.0kHz
6 HPF Frequency thru,	22Hz — 8.0kHz
7 Dry Mix Level	0 — 127
8 Delay Time	0.1 — 370.0ms
9 Delay Time	Ofst R 0 — -884
10 Feedback	-63 — +63
11 FB Level Feedback	Ofst R 63 — +63
12 Delay Level	0 — 127
13 AM Speed	0 — 127
14 AM Wave	tri,sine,saw up,saw down
15 AM Depth	0 — 127
16 AM Inverse	R normal,inverse
3: TECH MODULATION	
1 Mod Speed	0 — 127
2 Mod Depth	0 — 127
3 Pre Mod HPF Freq ,	20Hz — 8.0kHz
4 Mod Gain	-12 — +12dB
5 Mod LPF Frequency,	1.0kHz — 18.0kHz
6 Mod LPF Resonance	1.0 — 12.0
7 Mod Mix Balance	D63>W — D=W — D<W63
8 Delay Time	0.1 — 740.0ms
9 Delay Time	R 0 — -884
10 Feedback	-64 — +63
11 FB Level Ofst	64 — +63
12 Feedback High Dam	0.1 — 1.0
13 FB Hi Damp Ofst	-0.9 — +0.9
14 Dry/Wet Balance	D63>W — D=W — D<W63
4: NOISY MOD DELAY	
1 Dry/Wet Balance	D63>W — D=W — D<W63
2 Mod Speed Delay	0 — 127
3 Mod Wave	Type-A, Type-B, Type-C, TypeD
4 Mod Depth	0 — 127
5 Delay Time	0.1ms — 650.0ms
6 Feedback Level	-63 — +63
7 Mod Mix Balance	1 — 127
8 EQ High Gain	-12dB — +12dB
9 HPF Frequency thru	20Hz — 8.0kHz
5: NOISE AMBIENT	
1 Dry/Wet Balance	D63>W — D=W — D<W63
2 Mod Speed	0 — 127
3 Mod Depth	0 — 127
4 Noise Level	0 — 127
5 LPF Frequency	1.0kHz — 18.0kHz
6 Dry Mix Level	0 — 127
7 Delay Time	0.1 — 370.0ms
8 Delay Time	Ofst R 0 — -884
9 Feedback	-63 — +63
10 Dry Level	0 — 127
11 AM Speed	0.0Hz — 39.70Hz
12 AM Wave	tri,sine,saw up,saw down
13 AM Depth	0 — 127
14 AM Inverse	R normal,inverse
6: JUMP	
1 Depth Modulation	0 — 127
2 Speed Modulation	0 — 127
3 Direction	L<>R,L>>R
4 Type Modulation	Type-A, Type-B, Type-C
5 Jump Wave Modulation	Type TypeA,TypeB,TypeC,TypeD
6 Resolution Resolution	1/1 — 1/256
7 LPF Frequency,	1.0kHz — 18.0kHz
8 HPF Frequency thru	20Hz — 8.0kHz
9 Dry/Wet	D63>W — D=W — D<W63
7: BEAT CHANGE	
1 BeatChange(Ctrl)	-63 — +63
2 Beat Range Width	0 — 12
3 PitchChange(Ctrl)	-63 — +63
4 Pitch Range Width	0 — 12
5 Accuracy Type	sound4 ,normal , rhythin4
6 EQ Frequency	100Hz — 10.0kHz
7 EQ Gain Gain	-12dB — +12dB
8 EQ Width Width	1.0 — 12.0
9 Dry/Wet	D63>W — D=W — D<W63
8: PITCH CHANGE 1, 9: PITCH CHANGE 2	
1 Dry/Wet Balance	D63>W — D=W — D<W63
2 Pitch Pitch change	-24 — +24
3 Initial Delay	0.1ms — 200.0ms
4 Fine1 Fine pitch	-50 — +50
5 Fine2 Fine pitch	-50 — +50
6 Feedback Level	-63 — +63
7 Pan1 -63 Panning	— 0 — +63
8 Output Level1	0 — 127
9 Pan2	-63 — 0 — +63
10 Output Level2	0 — 127
10: LOW RESOLUTION	
1 Mod Depth	0 — 127
2 Mod Delay Offset	1 — 127
3 Mod Feedback	-63 — +63
4 Resolution	1/1 — 1/128
5 Mod Mix	0 — 127
6 Phase Inverse	R off,Wet,Wet+Dry Left/right
7 Dry/Wet Balance	D63>W — D=W — D<W63
11: NOISY	
1 Drive Degree	0 — 127
2 Mod Depth	0 — 127
3 Mod Speed	0 — 127
4 Mod Feedback	-63 — +63
5 AM Speed	0.00Hz — 39.7Hz
6 AM Depth Amplitude	0 — 127
7 Mod Mix Balance	1 — 127
8 LPF Frequency	1.0kHz — 18.0kHz
9 LPF Resonance	1.0 — 12.0
10 EQ Frequency	100Hz — 10.0kHz
11 EQ Gain	-12 — +12dB
12 EQ Width	1.0 — 12.0
13 Dry/Wet Balance	D63>W — D=W — D<W63
12: ATTACK LOFI	
1 Sensitive	0 — 127
2 Resolution	1/1 — 1/32
3 Peak Frequency	100Hz — 10.0kHz
4 LPF Frequency,	1.1kHz — 18.0kHz
5 Flinger Speed	0.00Hz — 39.7Hz
6 Flinger LFO waveform	tri,sine,saw up,saw down
7 Flinger Depth	0 — 127
8 Fln Depth Ofst R	-64 — +63
9 Flinger Delay	0.1 — 650.0ms
10 Fln Delay Ofst R	0 — 884 R
11 Flinger Feedback	-63 — +63
12 Flinger FB Ofst R	-63 — +63
13 Flinger FB HiDamp	0.1 — 1.0
14 FB HiDamp Ofst R	-0.9 — +0.9
15 Fln Mix Balance	1 — 127
16 Dry/Wet Balance	D63>W — D=W — D<W63

13: RADIO	
1 Noise Level Degree	0 — 127
2 Tone	0 — 127
3 Mod LPF Frequency	1.0kHz — 18.0kHz
4 Mod LPF Resonance	1.0 — 12.0
5 HPF Frequency thru	22Hz — 8.0kHz
6 LPF Frequency	1.0kHz — 18.0kHz
7 Dry/Wet Balance	D63>W — D=W — D<W63
14: DIGITAL TURNTABLE	
1 Click Density Frequency	0 — 5
2 Click Level	0 — 127
3 Noise Tone	0 — 6
4 Noise Mod Speed	0.00Hz — 39.7Hz
5 Noise Mod Depth	0 — 127
6 Dry Send to Noise	0 — 127
7 Noise LPF Freq,	1.0kHz — 18.0kHz
8 Noise LPF Q	Q 1.0 — 12.0
9 Noise Level	0 — 127
10 Dry LPF Frequency	1.0kHz — 18.0kHz
11 Dry Level	0 — 127
15: LOFI	
1 SamplingFreq Ctrl	44.1kHz — 344Hz
2 Word Length	1 — 127
3 Output Gain	-6dB — +36dB
4 Filter Type	thru,PowerBass,Radio,Telephone,Clean,Low
5 PreLPF CutoffFreq,	63Hz — 18.0kHz
6 PreLPF Resonance	1 — 12.0
7 Emphasis Changes	off/on
8 Bit Assign Adjusts	0 — 6
9 Input Mode mono/stereo	Mono/stereo
10 Dry/Wet Balance	D63>W — D=W — D<W63
16: LOW PASS FILTER, 17: HIGH PASS FILTER	
1 Cutoff Freq	32Hz — 18.0kHz thru
2 Q Sets the Q	0 — 113
3 Filter Type Selects	-48dB , -24dB
4 Q Type Selects	x1, x2
5 Output Gain	-12dB — +12dB
18: BAND PASS FILTER	
1 Cutoff Freq	32Hz — 18.0kHz,thru
2 Band Width	1 — 32
3 Q Sets the Q	0 — 113
4 Output Gain	-12dB — +12dB
19: AUTO WAH + DIST, 20: AUTO WAH + OVERDRIVE	
1 LFO Frequency	0.0Hz — 39.70Hz
2 LFO Depth	0 — 127
3 Cutoff Freq Offset	0 — 127
4 Resonance Bandwidth	1 — 12.0
5 Drive (Distortion)	0 — 127
6 PostDrive EQ Low ,dist	-12dB — +12dB
7 PostDrive EQ Mid ,dist	-12dB — +12dB
8 PostDrive LPF Freq dist	1.0kHz — 18.0kHz, thru
9 Drive Output Level dist	0 — 127
10 EQ Low Frequency	32Hz — 2.0kHz
11 EQ Low Gain	-12dB — +12dB
12 EQ High Frequency	500Hz — 16.0kHz
13 EQ High Gain	-12dB — +12dB
14 Dry/Wet Balance	D63>W — D=W — D<W63
21: TOUCH WAH + DIST 22:TOUCH WAH+OVERDRIVE	
1 Sensitive	0 — 127
2 Cutoff Freq Offset	0 — 127
3 Resonance Bandwidth	1 — 12.0
4 Drive (Distortion)	0 — 127
5 PostDrive EQ	-12dB — +12dB
6 PostDrive EQ	Mid -12dB — +12dB
7 PostDrive LPF Freq,	1.0kHz — 18.0kHz
8 Drive Output Level	0 — 127
9 EQ Low Frequency	32Hz — 2.0kHz
10 EQ Low Gain	-12dB — +12dB
11 EQ High Frequency	500Hz — 16.0kHz
12 EQ High Gain	-12dB — +12dB
13 Dry/Wet Balance	D63>W — D=W — D<W63
23: WAH + DIST + DELAY 24:WAH+OVERDRIVE+DELAY	
1 Wah Sensitive	0 — 127
2 Wah Cutoff Freq	0 — 127
3 Wah Resonance	1 — 12.0
4 Wah Release	10ms — 680ms
5 Dist Drive	0 — 127
6 Dist Output	0 — 127
7 Dist EQ Low	-12dB — +12dB
8 Dist EQ Mid Gain -	12dB — +12dB
9 Delay Mix	0 — 127
10 Delay Time	0.1ms — 1480.0ms
11 Dry Feedback	-63 — +63
12 Dry/Wet Balance	D63>W — D=W — D<W63
25:TALKING MODULATOR	
1 Vowel select	a/i/u/e/o
2 Move Speed I	1 — 64
3 Drive	0 — 127
4 Output Level	0 — 127
26: 3BAND EQ	
1 EQ Low Frequency	50Hz — 2.0kHz
2 EQ Low Gain	-12dB — +12dB
3 EQ Mid Frequency	100Hz — 10.0kHz
4 EQ Mid Gain	-12dB — +12dB
5 EQ Mid Width	1 — 12.0
6 EQ High Frequency	500Hz — 16.0kHz
7 EQ High Gain	-12dB — +12dB
8 Input Mode	mono/stereo
27: ISOLATOR	
1 On/Off SW	off, on
2 Low Level	0 — 127
3 Mid Level Mid frequency	0 — 127
4 High Level High	0 — 127
5 Low Mute SW	off, on
6 Mid Mute SW	off, on
7 High Mute SW	off, on
28:HARMONIC ENHANCER	
1 HPF Cutoff	500Hz — 16.0kHz
2 Drive Degree	0 — 127
3 Mix Level	0 — 127
29: VOICE CANCEL	
1 Low	0 — 26
2 High Adjust	0 — 26
30: COMPRESSOR	
1 Threshold	-48dB — -6dB
2 Attack	1ms — 40ms
3 Release	10ms — 680ms
4 Ratio	1 — 20.0
5 Output Level	0 — 127
31: COMP + DIST	
1 Drive	0 — 127
2 LPF Cutoff Freq	1.0kHz — 18.0kHz
3 Output Level	0 — 127
4 Edge	0 — 127
5 Attack	1ms — 40ms
6 Release	10ms — 680ms
7 Threshold	48dB — -6dB
8 Ratio	1 — 20.0
9 EQ Low Frequency	32Hz — 2.0kHz
10 EQ Low Gain	-12dB — +12dB
11 EQ Mid frequency	100Hz — 10.0kHz
12 EQ Mid Gain	-12dB — +12dB
13 EQ Mid Width	1 — 12.0
14 Dry/Wet Balance	D63>W — D=W — D<W63

Si no se indica aquí el valor, el 0 en la bcr2000 equivale al valor mínimo del parámetro. El 127 de la bcr2000 equivaldrá al valor máximo del parámetro.

If not given the value here, 0 in the BCR2000 is equivalent to the minimum value of the parameter. The number BCR2000 127, equivalent to the maximum parameter value.

-63=0.....0=63.....63=127

INITIALDELAY: 50MS=127 DELAY
Delay Offset: 0.09=0.....36.21=127
Máxim ms: 385 ms

LPf: 1,0Hz= 34.....18KHz= 59.....trhu=60
HpF: Thru=0.....8KHz=52

LOW: 32Hz= 4.....2KHz=40
WIDTH: 1.0= 10.....12=120
HIGH: 500Hz= 28.....16KHz=58
GAIN: -12db= 52.....0=64.....+12=76

LFO PHASE: -180=0.....0=64.....+180=127
Detune: -50=10.....0=64.....+50=114

32: COMP + DIST + DELAY 33:COMP+OVERDRIVE+DELAY	
1 Comp Threshold	-48dB — -6dB
2 Comp Ratio	1 — 20.0
3 Comp Attack	1ms — 40ms
4 Comp Release	10ms — 680ms
5 Dist. Drive	0 — 127
6 Dist Output	0 — 127
7 Dist EQ Low	-12dB — +12dB
8 Dist EQ Mid	-12dB — +12dB
9 Delay Mix	0 — 127
10 Delay Time	0.1ms — 1480.0ms
11 Dry Feedback	-63 — +63
12 Dry/Wet Balance	D63>W — D=W — D<W63
34: CLIPPER1	
1 Drive	0 — 100
2 Drive	0 — 100
3 Clip Band	Lo, Hi
4 Cutoff Freq	32Hz — 18.0kHz
5 Clip Type	TypeA,TypeB,TypeC,TypeD
35: CLIPPER2	
1 Drive	0 — 100
2 Drive Output	0 — 100
3 Clip Band	Lo, Hi, Mid, Lo&Hi
4 Cutoff Freq	32Hz — 18.0kHz
5 Mid Band Width	1 — 32
6 Clip Type	TypeA,TypeB,TypeC,TypeD
7 Dry/Wet	D63>W — D=W — D<W63
36: NOISE GATE	
1 Threshold	-72dB — -30dB
2 Attack	1ms — 40ms
3 Release	10ms — 680ms
4 Output Level	0 — 127
37: V-DISTORTION	
1 Over Drive	0 — 100%
2 Device Specifies	Transistor,Vintage Tube,Dsitorion1,2, Fuzz
3 Speaker Type	Flat,Stack,Combo,Twin,Radio,Megaphone
4 Presence	-10 — 10
5 Output Level	0 — 127
6 Delay Mix	0 — 127
7 Delay Time L	0.1ms — 1480.0ms
8 Delay Time R	0.1ms — 1480.0ms
9 Feedback Time	0.1ms — 1480.0ms
10 Feedback Level	-63 — +63
11 Dry/Wet	D63>W — D=W — D<W63
38: DISTORTION, 39: OVERDRIVE	
1 Drive	0 — 127
2 EQ Low Frequency	32Hz — 2.0kHz
3 EQ Low Gain	-12dB — +12dB
4 LPF Cutoff	1.0kHz — 18.0kHz,
5 Output Level	0 — 127
6 Edge	0 — 127
7 EQ Mid Frequency	100Hz — 10.0kHz
8 EQ Mid Gain	12dB — +12dB
9 EQ Mid Width	1 — 12.0
10 Dry/Wet Balance	D63>W — D=W — D<W63
40: AMP SIMULATOR	
1 Dry/Wet	D63>W — D=W — D<W63
2 Drive	0 — 127
3 AMP	Off, Stack, Combo,Tube
4 LPF Cutoff Freq,	315Hz — 18.0kHz
5 Edge	0 — 127
6 Output Level	0 — 127
41: STEREO DISTORTION, 42: STEREO OVERDRIVE	
1 Drive	0 — 127
2 EQ Low Frequency	32Hz — 2.0kHz
3 EQ Low Gain	12dB — +12dB
4 LPF Cutoff Freq	1.0kHz — 18.0kHz
5 Output Level	0 — 127
6 Edge	0 — 127
7 EQ Mid Frequency	100Hz — 10.0kHz
8 EQ Mid Gain	-12dB — +12dB
9 EQ Mid Width	1 — 12.0
10 Dry/Wet Balance	D63>W — D=W — D<W63
43:STEREOAMP SIMULATOR	
1 Dry/Wet	D63>W — D=W — D<W63
2 Drive	0 — 127
3 AMP Type	Off, Stack, Combo,Tube
4 LPF Cutoff Freq	315Hz — 18.0kHz
5 Edge	0 — 127
6 Output Level	0 — 127
44: DIST + DELAY, 45:OVERDRIVE+DELAY	
1 Dist Drive	0 — 127
2 Dist Output	0 — 127
3 Dist EQ Low Gain	-12dB — +12dB
4 Dist EQ Mid Gain	-12dB — +12dB
5 Delay Mix	0 — 127
6 Delay Time L	0.1ms — 1480.0ms
7 Delay Time R	0.1ms — 1480.0ms
8 Dry Feedback Time	0.1ms — 1480.0ms
9 Dry Feedback Level	-63 — +63
10 Dry/Wet Balance	D63>W — D=W — D<W63
46: CHORUS, 48: CELESTE	
1 Dry/Wet	D63>W — D=W — D<W63
2 LFO Frequency	0.0Hz — 39.70Hz
3 LFO Depth	0 — 127
4 Feedback Level	-63 — +63
5 Delay Offset	0.0ms — 50.0ms
6 EQ Low Frequency	32Hz — 2.0kHz
7 EQ Low Gain	-12dB — +12dB
8 EQ Mid Frequency	100Hz — 10.0kHz
9 EQ Mid Gain	-12dB — +12dB
10 EQ Mid Width	1 — 12.0
11 EQ High Frequency	500Hz — 16.0kHz
12 EQ High Gain	-12dB — +12dB
13 Input Mode	mono/stereo
47: CHORUS2	
1 Dry/Wet	D63>W — D=W — D<W63
2 LFO Frequency	0.0Hz — 39.70Hz
3 LFO Depth	0 — 127
4 Feedback Level	-63 — +63
5 Delay Offset	0.0ms — 50.0ms
6 EQ Low Frequency	32Hz — 2.0kHz
7 EQ Low Gain	-12dB — +12dB
8 EQ Mid Frequency	100Hz — 10.0kHz
9 EQ Mid Gain	-12dB — +12dB
10 EQ Mid Width	1 — 12.0
11 EQ High Frequency	500Hz — 16.0kHz
12 EQ High Gain	-12dB — +12dB
13 Input Mode	mono/stereo
49: SYMPHONIC	
1 Dry/Wet	D63>W — D=W — D<W63
2 LFO Frequency	0.0Hz — 39.70Hz
3 LFO Depth	0 — 127
4 Delay Offset	0.0ms — 50.0ms
5 EQ Low Frequency	32Hz — 2.0kHz
6 EQ Low Gain	-12dB — +12dB
7 EQ Mid Frequency	100Hz — 10.0kHz
8 EQ Mid Gain	-12dB — +12dB
9 EQ Mid Width	1 — 12.0
10 EQ High Frequency	500Hz — 16.0kHz
11 EQ High Gain	-12dB — +12dB
50:ENSEMBLE DETUNE	
1 Dry/Wet	D63>W — D=W — D<W63
2 Detune	-50cent — +50cent
3 Initial Delay Lch	0.0ms — 50.0ms
4 Initial Delay Rch	0.0ms — 50.0ms
5 EQ Low Frequency	32Hz — 2.0kHz
6 EQ Low Gain	-12dB — +12dB
7 EQ High Frequency	500Hz — 16.0kHz
8 EQ High Gain	-12dB — +12dB