PARAMETERS DESCRIBTION

No.	Class	Name	Range	Value	Text
PAGE	ĒΑ				
Ао	р	Bank Select	03		Bank AD
A 1	р	Modulation Wheel			
A 2	р	Breath Controller			
A 3	р	Contr 3			
A 4	р	Foot Controller			
A 5	a	Portamento Time	0127		
A 6	р	Data Slider			
A 7	р	Channel Volume	0127		
A 8	р	Balance			
A 9	р	Contr 9			
A 10	a	Panorama	0127	-640+63:	LeftCenterRight
A 11	р	Expression	0127		
A 12	р	Contr 12			
A 13	р	Contr 13			
A 14	р	Contr 14			
A 15	р	Contr 15			
A 16	р	Contr 16			
A 17	a	Oscı Shape	0127	-640+63:	WaveSawPulse
A 18	a	Oscı Pulsewidth	0127		

No.	Class	Name	Range	Value	Text
A 19	a	Oscı Wave Select	064		Sine, Triangle, Wave 364
A 20	a	Oscı Semitone	0127	-64+63	
A 21	a	Osc1 Keyfollow	0127	-64+63,	Default: 32
A 22	a	Osc2 Shape	0127	-640+63:	WaveSawPulse
A 23	a	Osc2 Pulsewidth	0127		
A 24	a	Osc2 Wave Select	064		Sine, Triangle, Wave 364
A 25	a	Osc2 Semitone	0127	-64+63	
A 26	a	Osc2 Detune	0127		
A 27	a	Osc2 FM Amount	0127		
A 28	a	Osc2 Sync	01		o:Off 1:On
A 29	a	Osc2 Filt Env Amt	0127	-64+63	
A 30	a	FM Filt Env Amt	0127	-64+63	
A 31	a	Osc2 Keyfollow	0127	-64+63:	Default: 32
A 32	р	Bank Select	03		Bank AD
A 33	a	Osc Balance	0127		-64+63:
A 34	a	Suboscillator Volume	0127		
A 35	a	Suboscillator Shape	01		o:Square 1:Triangle
A 36	a	Osc Mainvolume	0127		
A 37	а	Noise Volume	0127		
A 38	a	Ringmodulator Volume	0127		
A 39	a,Vb	Noise Color	0127	-640+63	
A 40	a	Cutoff	0127		

No.	Class	Name	Range	Value	Text
A 41	a	Cutoff2	0127	-64+63	
A 42	a	Filter1 Resonance	0127		
A 43	a	Filter2 Resonance	0127		
A 44	a	Filter1 Env Amt	0127		
A 45	a	Filter2 Env Amt	0127		
A 46	a	Filter1 Keyfollow	0127	-64+63	
A 47	a	Filter2 Keyfollow	0127	-64+63	
A 48	a	Filter Balance	0127	-64+63	
A 49	а	Saturation Curve	06		o:Off 1:Light 2:Soft 3:Middle 4:Hard 5:Digital
A 51	a	Filter1 Mode	03		O:LP 1:HP 2:BP 3:BS
A 52	a	Filter2 Mode	03		O:LP 1:HP 2:BP 3:BS
A 53	a	Filter Routing	03		o:Ser4 1:Ser6 2:Par4 3:Split
A 54	a	Filter Env Attack	0127		
A 55	a	Filter Env Decay	0127		
A 56	a	Filter Env Sustain	0127		
A 57	a	Filter Env Sustain Time	0127	-64+63:	FallInfiniteRise
A 58	a	Filter Env Release	0127		
A 59	a	Amp Env Attack	0127		
A 60	a	Amp Env Decay	0127		
A 61	a	Amp Env Sustain	0127		
A 62	a	Amp Env Sustain Time	0127	-64+63:	FallInfiniteRise

ACCESS VIRUS OS4 | **261** Parameters Describtion

No.	Class	Name	Range	Value	Text
A 63	a	Amp Env Release	0127		
A 64	р	Hold Pedal			
A 65	р	Portamento Pedal			
A 66	р	Sostenuto Pedal			
A 67	a	Lfo1 Rate	0127		
A 68	а	Lfo1 Shape	05		o:Sine 1:Tri 2:Saw 3:Square 4:S&H 5:S&G
A 69	a	Lfo1 Env Mode	01		o:Off 1:On
A 70	a	Lfo1 Mode	01		o:Poly 1:Mono
A 71	a	Lfo1 Symmetry	0127	-64+63	
A 72	a	Lfo1 Keyfollow	0127		
A 73	a	Lfo1 Keytrigger	0127		o:Off, 1127:Keytrigger Phase
A 74	a	Osc1 Lfo1 Amount	0127	-64+63	
A 75	a	Osc2 Lfo1 Amount	0127	-64+63	
A 76	a	PW Lfo1 Amount	0127	-64+63	
A 77	a	Reso Lfo1 Amount	0127	-64+63	
A 78	а	FiltGain Lfo1 Amount	0127	-64+63	
A 79	a	Lfo2 Rate	0127		
A 80	а	Lfo2 Shape	05		o:Sine 1:Tri 2:Saw 3:Square 4:S&H 5:S&G
A 81	a	Lfo2 Env Mode	01		o:Off 1:On
A 82	a	Lfo2 Mode	01		o:Poly 1:Mono
A 83	a	Lfo2 Symmetry	0127	-64+63	

No.	Class	Name	Range	Value	Text
A 84	a	Lfo2 Keyfollow	0127		
A 85	a	Lfo2 Keytrigger	0127		o:Off, 1127:Keytrigger Phase
A 86	a	OscShape Lfo2 Amount	0127	-64+63	
A 87	a	FmAmount Lfo2 Amount	0127	-64+63	
A 88	a	Cutoff1 Lfo2 Amount	0127	-64+63	
A 89	a	Cutoff2 Lfo2 Amount	0127	-64+63	
A 90	a	Panorama Lfo2 Amount	0127	-64+63	
A 91	a	Patch Volume	0127		
A 93	a	Transpose	0127	-64+63	
A 94	a	Key Mode	04		o:Poly 14: Mono1-4
A 97	a	Unison Mode	015		o:Off 1:Twin 215
A 98	a	Unison Detune	0127		
A 99	a	Unison Panorama Spread	0127		
A100	a	Unison Lfo Phase	0127	-64+63	
A101	a	Input Mode	02		o:Off 1:Dynamic 2:Static 3:ToEffects
A102	a	Input Select	o8		0:ln1L 1:ln1L+R 2:ln1R
A105	a	Chorus Mix	0127		
A106	a	Chorus Rate	0127		
A107	a	Chorus Depth	0127		

ACCESS VIRUS OS4 | **263** Parameters Describtion

No.	Class	Name	Range	Value	Text
A108	а	Chorus Delay	0127		
A109	a	Chorus Feedback	0127	-64+63	
A110	a	Chorus Lfo Shape	05		o:Sine 1:Tri 2:Saw 3:Square 4:S&H 5:S&G
A112	а	Delay/Reverb Mode	01		o:Off 1:Delay 2:Reverb 3:Rev+Feedb1
A113	a,ms	Effect Send	0127		
A114	a,ms, np	Delay Time	0127		
A115	a,ms, np	Delay Feedback	0127		
A116	a,ms, np	Delay Rate	0127		
		Reverb Decay Time	0127		
A117	a,ms, np	Delay Depth	0127		
		Reverb Room Size	03		o:Ambience 1:SmallRoom 2:Lar- geRoom 3:Hall
A118	a,ms, np	Delay Lfo Shape	05		o:Sine 1:Tri 2:Saw 3:Square 4:S&H 5:S&G
		Reverb Damping	0127		
A119	a,ms, np	Delay Color	0127	-64+63	
A122	g	Keyb Local	01		o:Off 1:On
A123	р	All Notes Off			

No.	Class	Name	Range	Value	Text
PAGE	В				
B 1	b	Arp Mode	06		o:Off 1:Up 2:Down 3:Up&Down 4:AsPlayed 5:Random 6:Chord
В 2	b	Arp Pattern Select	031		
B 3	b	Arp Octave Range	03		
B 4	b	Arp Hold Enable	01		o:Off 1:On
B 5	b	Arp Note Length	0127	-64+63c	
B 6	b	Arp Swing	0127	50%75%	
В 7	b	Lfo3 Rate	0127		
B 8	b	Lfo3 Shape	05		o:Sine 1:Tri 2:Saw 3:Square 4:S&H 5:S&G
B 9	b	Lfo ₃ Mode	01		o:Poly 1:Mono
B 10	b	Lfo3 Keyfollow	0127		
B 11	b	Lfo ₃ Destination	05		0:Osc1 1:Osc1+2 2:Osc2 3:PW1 4:PW1+2 5:PW2
B 12	b	Osc Lfo3 Amount	0127		
B 13	b	Lfo3 Fade-In Time	0127		
B 16	b	Clock Tempo	0127	63190 BPM	
B 17	b	Arp Clock	117	1/641/1	
B 18	b	Lfo1 Clock	019		Off, 1/644/1
B 19	b	Lfo2 Clock	019		Off, 1/644/1
B 20	b,ms, np	Delay Clock	016		Off, 1/643/4
B 21	b	Lfo ₃ Clock	019		Off, 1/644/1

ACCESS VIRUS OS4 | **265** Parameters Describtion

No.	Class	Name	Range	Value	Text
B 25	b	Control Smooth Mode	03		o:Off, 1:On, 2:Auto, 3:Note
B 26	b	Bender Range Up	0127	-64+63	
B 27	b	Bender Range Down	0127	-64+63	
B 28	b	Bender Scale	01		o:Linear 1:Exponential
B 30	b	Filter1 Env Polarity	01		o:Negative 1:Positive
B 31	b	Filter2 Env Polarity	01		o:Negative 1:Positive
B 32	b	Filter2 Cutoff Link	01		o:Off 1:On
B 33	b	Filter Keytrack Base	0127		C-1G9
B 34	b,Vb	Osc FM Mode	012		o:Pos-Tri 1:Tri 2:Wave 3:Noise 4:In L 5:In L+R
B 35	b	Osc Init Phase	0127		o:Off 1127
B 36	b	Punch Intensity	0127		
B 38	b,Vb	Input Follower Mode	09		o:Off 1:In L 2:In L+R
B 39	b	Vocoder Mode	012		o:Off 1:Osc 2:OscHold 3:Noise 4:In L 5:In L+R
B 41	b,Vb	Osc3 Mode	067		o:Off 1:Osc2Slave 2:Saw 3:Pulse 4:Sine 5 Triangle
B 42	b,Vb	Osc3 Volume	0127		
B 43	b,Vb	Osc3 Semitone	0127	-64+63	
B 44	b,Vb	Osc3 Detune	0127		
B 47	b	Osc1 Shape Velocity	0127	-64+63	
B 48	b	Osc2 Shape Velocity	0127	-64+63	

No.	Class	Name	Range	Value	Text
B 49	b	PulseWidth Velocity	0127	-64+63	
B 50	b	Fm Amount Velocity	0127	-64+63	
B 54	b	Filter1 EnvAmt Velocity	0127	-64+63	
B 55	b	Filter1 EnvAmt Velocity	0127	-64+63	
B 56	b	Resonance1 Velocity	0127	-64+63	
B 57	b	Resonance2 Velocity	0127	-64+63	
B 58	b	Second Output Balance	0127		o:Off 1127: FrontCenterRear
B 60	b	Amp Velocity	0127	-64+63	
B 61	b	Panorama Velocity	0127	-64+63	
B 62	b	Definable1 Single			see Definable List
B 63	b	Definable2 Single			see Definable List
B 64	b	Assign1 Source			see Assign Sources List
B 65	b	Assign1 Destination			see Assign Destinations List
B 66	b	Assign1 Amount	0127	-64+63	
B 67	b	Assign2 Source			see Assign Sources List
B 68	b	Assign2 Destination1			see Assign Destinations List
B 69	b	Assign2 Amount1	0127	-64+63	
B 70	b	Assign2 Destination2			see Assign Destinations List

ACCESS VIRUS OS4 | **267** Parameters Describtion

No.	Class	Name	Range	Value	Text
B 71	b	Assign2 Amount2	0127	-64+63	
B 72	b	Assign3 Source			see Assign Sources List
B 73	b	Assign3 Destination1			see Assign Destinations List
B 74	b	Assign3 Amount1	0127	-64+63	
B 75	b	Assign3 Destination2			see Assign Destinations List
B 76	b	Assign3 Amount2	0127	-64+63	
B 77	b	Assign3 Destination3			see Assign Destinations List
B 78	b	Assign3 Amount3	0127	-64+63	
B 79	b	LFO1 Assign Dest			see Assign Destinations List
B 80	b	LFO1 Assign Amount	0127	-64+63	
B 81	b	LFO ₂ Assign Dest			see Assign Destinations List
B 82	b	LFO2 Assign Amount	0127	-64+63	
B 84	b,Vb	Phaser Mode	06		o:Off, 16 Phaser Stages
B 85	b,Vb	Phaser Mix	0127		
B 86	b,Vb	Phaser Rate	0127		
B 87	b,Vb	Phaser Depth	0127		
B 88	b,Vb	Phaser Frequency	0127		
B 89	b,Vb	Phaser Feedback	0127	-64+63	
B 90	b,Vb	Phaser Spread	0127		

No.	Class	Name	Range	Value	Text
B 97	b,Vb	Bass Intensity	0127		
B 98	b,Vb	Bass Tune	0127		
B 99	b,Vb	Input Ringmodula- tor	0127		o:Off 1127: DirectRingmodula- torInput
B100	b,Vb	Distortion Curve	06		o:Off 1:Light 2:Soft 3:Middle 4:Hard 5:Digital
B101	b,Vb	Distortion Intensity	0127		
B112	b	Single Name Charı	32127	ASCII	
B113	b	Single Name Char2	32127	ASCII	
B114	b	Single Name Char3	32127	ASCII	
B115	b	Single Name Char4	32127	ASCII	
B116	b	Single Name Char5	32127	ASCII	
B117	b	Single Name Char6	32127	ASCII	
B118	b	Single Name Char7	32127	ASCII	
B119	b	Single Name Char8	32127	ASCII	
B120	b	Single Name Char9	32127	ASCII	
B121	b	Single Name Char10	32127	ASCII	
B122	b	Filter Select	02		o:Filt1 1:Filt2 2:Filt1*2
B123	b,Vb				Category1
B124	b,Vb				Category2