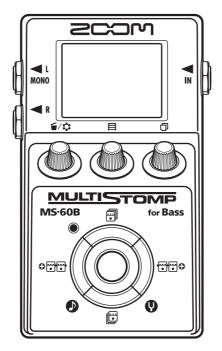


MS-60B for Bass

Effect Types and Parameters (Ver.2)

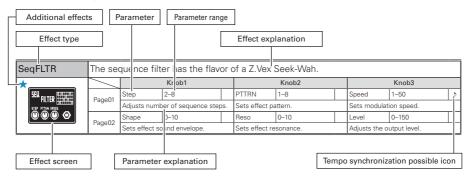


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■ Effect explanation overview



■ Effect Types and Parameters

[DYN/FLTR]

RackComp	This co	mpressor a	allows more d	eta	iled adjust	tment than Cor	np.			
*			Knob1			Knob2			Knob3	
		THRSH	0–50		Ratio	1–10		Level	0-150	П
ROCKCOMP	Page01	Sets the lev compressor.	el that activates	the	Adjusts the o	compression ratio.		Adjusts the o	output level.	
	Page02	ATTCK	1-10							
	rageuz	Adjusts the co	mpressor attack rat	te.						
D Comp	This co	mpressor i	n the style of	the	MXR Dyr	na Comp.				
			Knob1			Knob2			Knob3	
SENSE TONE LEVEL	Page01	Sense	0–10		Tone	0-10		Level	0-150	
(0.00MD)	rageui	Adjusts the ef	fect sensitivity.		Adjusts the t	one.		Adjusts the c	output level.	
(U CUMP)		ATTCK	Slow, Fast							\Box
	Page02	Sets compre Fast or Slow.	ssor attack speed	d to						
M Comp	This co	mpressor p	orovides a mo	re r	natural sou	ınd.				
			Knob1			Knob2			Knob3	
THRSH RATIO LEVEL		THRSH	0-50		Ratio	1-10		Level	0-150	
M COMP	Page01	Sets the lev compressor.	el that activates	the	Adjusts the o	compression ratio.		Adjusts the o	output level.	
	D02	ATTCK	1-10							
	Page02	Adjusts the co	mpressor attack rat	te.						
OptComp	This co	mpressor i	s in the style	of a	in APHEX	Punch FACTOF	Y.			
			Knob1			Knob2			Knob3	
(P) (O) (P) (O) (P) (P) (P) (P) (P) (P) (P) (P) (P) (P	Page01	Drive	0–10		Tone	0-100		Level	0-150	П
O TONE LEVEL	Pageui	Adjusts the de	pth of the compressi	ion.	Adjusts the to	ne.		Adjusts the c	utput level.	
COMP	Page02									
	Pageuz									
160 Comp	This co	mpressor i	s in the style	of t	he dbx 16	0A.				
			Knob1			Knob2			Knob3	
		THRSH	-60-0		Ratio	1.0-10.0		Gain	0–20	
160 COMP	Page01	Adjusts the thi	reshold that determined is activated.	ines	Adjusts the o	compression ratio.		Adjusts the g	ain after compression	on.
	D02	Knee	Hard, Soft		Level	0-150				П
	Page02	Sets the type	of knee.		Adjusts the o	output level.			•	

Limiter	This is	a limiter th	nat suppresses	siç	gnal peaks	above a certain	re	ference le	evel.	
			Knob1			Knob2			Knob3	
		THRSH	0–50		Ratio	1-10	L	Level	0–150	
Limiter	Page01	Adjusts the r	eference signal leve tion.	for	Adjusts the o	compression ratio of th	ne A	Adjusts the ou	ıtput level.	
.000 =		REL	1–10							
	Page02	where the sign	delay between the p gnal level falls below of and the limiter relea	the						
SlowATTCK	This ef	fect slows	the attack of e	ach	note, res	ulting in a violin-	lik	e perform	ance.	
			Knob1			Knob2			Knob3	
TIME CHASE LEGEL		Time	1–50		Curve	0-10	L	Level	0-150	
SION RITCK	Page01	Adjusts the a	ttack time.		Set the curve attack.	of volume change during	ng ,	Adjusts the ou	itput level.	
	Page02						+			
ZNR	ZOOM'	s unique no	ise reduction cu	ts r	noise during	pauses in playing	j W	rithout affe	cting the tone.	
			Knob1			Knob2	Т		Knob3	
• Etv - SENIELDEE		THRSH	1–25		DETCT	Gtrln, Efxln	L	Level	0–150	
EFE HR HOT	Page01		nreshold that determinent is activated.	ines	Sets control :	signal detected.	A	Adjusts the ou	ıtput level.	
	Page02						+			
NoiseGate	This is	a noise ga	te that cuts the	e s	ound durin	g playing pause:	S.			
*			Knob1			Knob2	Т		Knob3	
THEST LETTEL		THRSH	1–25		Level	0-150	\top			Т
Noise Gote	Page01	Adjusts the e	ffect sensitivity.	_	Adjusts the o	utput level.	\top			
0	Page02						+			
DirtyGate	This vir	ntage style	gate features	a c	haracteris	tic way of closin	g.	*		
*			Knob1			Knob2	П		Knob3	
THESH LEVEL	Page01	THRSH	1–25		Level	0-150	T			П
DIRTL	Pageui	Adjusts the ef	fect sensitivity.		Adjusts the o	utput level.	Т			
GALLE	Page02						4			
OrangeLim	This m	odels an C	RANGE SQUE	ΕZ	ER.					_
<u> </u>			Knob1			Knob2	Т		Knob3	
OH © O	\vdash						+			Т
P*************************************	Page01		1	_			$^{+}$			_
Orange Lim							$^{+}$			Т
***************************************	Page02						_			
GrayComp	This m	odels a RC	OSS Compress	or.	1	- K 10			K 10	
*	\vdash	CLICTAL	Knob1 0–100		OUT	Knob2 0–100	+	1	Knob3	
SUSTAIN: OUTPUT	Page01	SUSTN		_	OUT		+			
Gray P		Adjusts the s	ustain.		Adjusts the o	utput ievei.	+			_
Comp	Page02						\pm			
DualComp	I .	a compre	essor which al	lov	vs separa	te settings for t	he	low frec	luency and h	igh
*	$\overline{}$		Knob1			Knob2	Т		Knob3	
	\vdash	Hi	0-50		Lo	0-50	-	Freq	300Hz-1.5kHz	Т
DUAL COMP	Page01		compression dept	h in		compression depth	in A	Adjusts the cro	ssover point between and low frequency ra	
		Level	0–150		Tone	0–10	Ť	3 41107		T
1950 ⊘ 950			150			1	- 1			1

LineSel		nput into the	ne LineSel effect n ON.	is :	sent directl	y to the OUTPU	T ja	cks when (OFF and to the	next
			Knob1			Knob2			Knob3	
NET ES III		EFX_L	0–150		OUT_L	0-150				
LineSel	Page01	Adjusts level	sent to next effect.		Adjusts leve outputs.	el sent directly to	the			
	Page02									
Ba GEQ	This 7-l	oand grap	nic equalizer is	sui	table for t	he bass freque	ency	y range.	1	
			Knob1			Knob2			Knob3	
		50Hz	-12–12		120Hz	-12–12	Π	400Hz	-12-12	\top
IIIIIII	Page01	Adjusts the a	mount of boost/cut a	t 50	Adjusts the 120 Hz.	amount of boost/c	ut at	Adjusts the 400 Hz.	amount of boost/o	ut at
		500Hz	-12–12		800Hz	-12–12		4.5kHz	-12–12	
[Bass Graphic EQ]	Page02	500 Hz.	amount of boost/cu	t at	800 Hz.	amount of boost/c	ut at	Adjusts the 4.5 kHz.	amount of boost/o	ut at
	D 00	10kHz	-12–12		Level	0-150				
	Page03	Adjusts the 10 kHz.	amount of boost/cu	t at	Adjusts the o	output level.				
Ba PEQ	This 2-l	band para	metric equalize	r is	suitable f	or the bass fre	que	ency range	ð.	
			Knob1			Knob2			Knob3	
	Page01	Freq1	20Hz–20kHz		Q1	0.5, 1, 2, 4, 8, 16		Gain1	-20-20	
/ Para EO \			er frequency of EQ1.		Adjusts EQ1	1	_	Adjusts EQ1	1	_
FREO. A. GAIM	Page02	Freq2	20Hz-20kHz		Q2	0.5, 1, 2, 4, 8, 16		Gain2	-20–20	
		Level	er frequency of EQ2. 0-150		Adjusts EQ2	<u>u</u> .	Т	Adjusts EQ2	gain.	$\overline{}$
	Page03	Adjusts the								
Splitter		fect divide the two b		:0 t	wo bands		d le	ts you free		mix
			Knob1			Knob2			Knob3	
555	Page01	Hi	0–100	Ļ	Lo	0-100		Freq	80Hz-2.5kHz	
Solitor	rageor	frequency ba	1	nigh	frequency ba	mix ratio of the and.	low		ossover point between y and low frequency l	
المسمود	Page02	Level Adjusts the	0–150 output level.							
Bottom B	Empha	sizes the	low and high fr	equ	iencies.				-1	
			Knob1			Knob2			Knob3	
SHEE TREEL LEUEL		Bass	0-10		Trebl	0-10		Level	0-150	\top
Bottom B	Page01	Adjusts the a boost.	amount of low-freque	ency	Adjusts the a boost.	mount of high-frequ	ency	Adjusts the o	output level.	
~ <i>D</i>	Page02									\perp
Exciter	This ex	citer is in	the style of the	Bl	BE Sonic N	Maximizer.		ļ		
			Knob1			Knob2			Knob3	
DASS TREEL LEWEL		Bass	0–100		Trebl	0–100	П	Level	0-150	П
Exciter	Page01	Adjusts the a	amount of low-freque	ncy	Adjusts the a phase correc	mount of high-frequ tion.	ency	Adjusts the o	output level.	
	Page02									
BaAutoWah	You car	n adjust th	e mix of this b	ass	guitar aut	to-wah with th	e o	riginal sigr	nal.	_
			Knob1			Knob2			Knob3	
SENSE RESO INV		Sense	-101, 1-10		Reso	0–10		Dry	0–100	
Ø € Ø Bass AutoVah	Page01	Adjusts the s	sensitivity of the effe	ct.	Adjusts the ir sound.	ntensity of the reson	ance	Adjusts level	of original sound.	-
EOF	Page02	Level Adjusts the	0-150							
		Adjusts the	output level.							

ZTron	This is	like a Q-Tro	on Envelope F	ilte	r in LP mo	de.				
			Knob1			Knob2	_		Knob3	
		Sense	-101, 1-10	Т	Reso	0-10		Dry	0-100	T
SEMSE (S)	Page01		ensitivity of the effe	ect.	11000	ntensity of the resona	ance	· ·	of original sound.	
MA⊕	Page02	Level Adjusts the o	0–150 output level.							
M-Filter	This en			MF	-101 Low I	Pass Filter favo	r ca	an be set i	n a wide range	 -
			Knob1			Knob2			Knob3	
		Freq	0-100	Т	Sense	0-10		Reso	0–10	Т
FREEL SENSE RESO	Page01	Sets minimun filter.	n frequency of enve	elope	Sets effect s			Sets effect re	sonance.	
	Page02	Туре	HPF, BPF, LPF		Chara	2Pole, 4Pole		VLCTY	Fast, Slow	
M-Filter ⊙	1 agcoz	Sets filter typ	ie.		Adjusts amo	unt of filter applied.		Sets speed o	f filter action.	
,	Page03	Adjusts the band effect sou	0-100 valance between ori unds.	iginal	Level Adjusts the o	0-150 output level.				_
A-Filter	This is		ce filter with a	sh	arp envelo	pe.		!		
			Knob1			Knob2			Knob3	
SENSE FEKK MODE		Sense	1–10	Т	Peak	0-10	П	Mode	Up, Down	Т
A-FILTER	Page01	Adjusts the e	ffect sensitivity.		Adjusts the (2 value of the filter.			ether the directio is up or down.	n of
	Page02	Dry	0–100		Level	0-150				
	1 ageuz	Adjusts level	of original sound.		Adjusts the o	output level.				
Ba Cry	This ta	king modu	ılator is suitab	le f	or the bas	s frequency rai	nge			
			Knob1			Knob2			Knob3	
RANCE RESU SENSE		Range	1–10		Reso	0-10		Sense	-101, 110	
Bass G	Page01	Adjusts the fre by the effect.	equency range proce	essed	Adjusts the in resonance so	ntensity of the modula ound.	ation	Adjusts the s	ensitivity of the effe	ect.
	D 00	Bal	0–100		Level	0-150				
	Page02	Adjusts the band effect sou	alance between ori unds.	iginal	Adjusts the o	output level.				
SeqFLTR	The se	quence filt	er has the flav	or (of a Z.Vex	Seek-Wah.				
			Knob1			Knob2			Knob3	
SER FILTER	Page01	Step	2–8		PTTRN	1–8		Speed	1–50	♪
STEP PITEN SPEED	1 agco1	Adjusts numb	per of sequence ste	eps.	Sets effect p			Sets modulat		
$\bigcirc \bigcirc \bigcirc \bigcirc \bigcirc$	Page02	Shape	0–10		Reso	0–10		Level	0–150	
	ragooz	Sets effect so	ound envelope.		Sets effect re	esonance.		Adjusts the o	utput level.	
RndmFLTR	This filt	ter effect c	changes chara	cte	randomly	/.		·		
*			Knob1			Knob2			Knob3	
		Speed	1–50	♪	Range	0–100		Reso	0–10	
\odot	Page01	Sets modulation	on speed.		Adjusts frequ	uency range affected	l.	Adjusts the resonance so	ne intensity of bund.	the
Parison king		Туре	HPF, BPF, LPF	Т	Chara	2Pole, 4Pole		Bal	0-100	
(in the state of t	Page02	Sets filter typ	ie.		Adjusts amo	unt of filter applied.		Adjusts the band effect so	palance between ori ounds.	ginal
	Page03	Level Adjusts the o	0-150 output level.							
fCycle	This file		changes tone	cha	racteristic	s cyclically				
<u>+</u>	11110 1111	101 011001 0	Knob1	Oria		Knob2			Knob3	
<u> </u>	D61	Rate	1–50	>	Wave	Sine, Tri, SawUp, SawDn		Level	0 – 150	П
	Page01		l of the constitution		Sate the mad	Julation waveform.		Adjusts the o	L output level	
ENTE HAVE LEVEL	1	Sets the sneer								
FOTE HAVE LEVEL		Depth	d of the modulation. 0 – 100	$\overline{}$	Reso	0 – 10		.,		\top

St Bs GEQ	This ste	ereo graph	ic equalizer has	5 7	bands tha	t suit bass guit	ar f	requencie	S.	
*			Knob1			Knob2			Knob3	
		50Hz	-12-12		120Hz	-12-12		400Hz	-12-12	
IIIIIII	Page01	Adjusts the a 50 Hz.	amount of boost/cu	t at	Adjusts the a	amount of boost/cu	t at	Adjusts the a	amount of boost/cu	ıt at
		500Hz	-12-12		800Hz	-12-12		4.5kHz	-12-12	
Stree Bree (F10)	Page02	Adjusts the a 500 Hz.	amount of boost/cu	t at	Adjusts the a 800 Hz.	amount of boost/cu		Adjusts the a 4.5 kHz.	amount of boost/cu	ıt at
		10kHz	-12–12		Level	0-150				
	Page03	Adjusts the a	amount of boost/cu	t at	Adjusts the o	utput level.				

[OD/DIST]

[ופוט/טוס]										
Ba Boost	This is	a simulati	ion of the Xotic	EF	Booster,	which is warm	an	d firm.		
			Knob1			Knob2			Knob3	
	D01	Gain	0-100	П	Bass	-10-10		Trebl	-10-10	
Bass	Page01	Adjusts the	gain.		Adjusts the le	ow frequency level.		Adjusts the h	nigh frequency level	l.
B ooster S	D02	Level	0-150							
	Page02	Adjusts the	output level.							
Bass OD	Simula	tes the O	DB-3 overdrive	ba	ss machine	e from BOSS.				
			Knob1			Knob2			Knob3	
SAIN TONE LEVEL	- A	Gain	0-100	Т	Tone	0-100	Π	Level	0-150	Τ
	Page01	Adjusts the	gain.		Adjusts the t	one.		Adjusts the o	output level.	
BassOverDrive *		Bal	0-100					ĺ		
	Page02		e balance between nd and the effected so							
Bass Muff	This is	a simulati	ion of the Elect	ro-l	Harmonix	Bass Big Muff.				
			Knob1			Knob2			Knob3	
GAIN TONE LEVEL		Gain	0-100	Т	Tone	0-100		Level	0-150	T
GAIN TONE LEVEL	Page01	Adjusts the	gain.		Adjusts the t	one.		Adjusts the	output level.	
BRSS MUFF		Mode	NORM, BsBST		Bal	0-100				
	Page02	Selects the	distortion mode.			balance between and the effected so				
Ba Dist 1			emulation has n the original ar				lov	s you to a	adjust the volu	ıme
			Knob1			Knob2			Knob3	
COUNT TONE LUNG		Gain	0-100	П	Tone	0-100	Π	Level	0-150	
900	Page01	Adjusts the	gain.		Adjusts the t	one.		Adjusts the o	output level.	
Bass Dist1		Bal	0-100					İ		
	Page02		e balance between nd and the effected so							
Ba Metal			al Zone emulat between the o					at allows	you to adjust	the
			Knob1			Knob2			Knob3	
GAIN TONE LEVEL	Page01	Gain	0-100		Tone	0-100		Level	0-150	
Bocc Model	rageUI	Adjusts the	gain.		Adjusts the t	one.		Adjusts the o	output level.	
BassMetal		Bal	0-100							
	Page02		e balance between nd and the effected so							

TS+DRY						d parameter t torted sounds.		allows y	ou to adjust	t the
*			Knob1			Knob2			Knob3	
SAIN TINE LEVEL	D 04	Gain	0 – 100	Т	Tone	0 – 100		Level	0 – 150	
<u> 000</u>	Page01	Adjusts the ga	in.		Adjusts the to	ne.		Adjusts the o	utput level.	
I Scream		Bal	0 – 100							
	Page02		balance between and the effected so							
Ba Squeak			emulation has the original a			ameter that allounds.	ow	s you to a	djust the vol	ume
*			Knob1			Knob2			Knob3	
SATIN TRINS LEGIS		Gain	0 – 100	Т	Tone	0 – 100		Level	0 – 150	
000	Page01	Adjusts the ga	ain.		Adjusts the to	ne.		Adjusts the o	utput level.	
Bass Squeak		Bal	0 – 100							
0	Page02		balance between und and the effe							
BaFzSmile			emulation has the original a			ameter that all ounds.	ow	s you to a	djust the vol	ume
*			Knob1			Knob2			Knob3	
		Gain	0 – 100	Т	Tone	0 – 100		Level	0 – 150	
TREM LEVEL	Page01	Adjusts the ga	in.		Adjusts the to	ne.		Adjusts the o	utput level.	
Bassi uz z Smile		Bal	0 – 100							
	Page02		balance between und and the effe							
BassDrive	Simula	tion of the	SansAmp BA	SS	DRIVER D	I, highly popula	ar a	mong bas	s players.	
			Knob1			Knob2			Knob3	
		Bass	-10-10	Т	Trebl	-10-10		Prese	-10–10	\top
185 184 T	Page01	Adjusts the I	ow frequency level.		Adjusts the h	igh frequency level.		Adjusts the su	per-high frequency	y level.
		Gain	0-100	Т	Blend	0-100		Level	0-150	
BASSDRIVE (Page02	Adjusts the g	jain.			balance between and the effected sou		Adjusts the o	utput level.	
		Mid	-10-10	T	1					\neg
	Dogo03	1	10 10							
	Page03		niddle frequency lev	rel.						
D.I Plus		Adjusts the r	niddle frequency lev on of the MXR		ss D.I.+, v	vhich has both	cle	an and dis		nels.
D.I Plus		Adjusts the r	on of the MXR			Knob2	cle		Knob3	nels.
D.I Plus		Adjusts the range a simulation Bass	on of the MXR Knob1 -10-10		Mid	Knob2 -10–10		Trebl	Knob3	
D.I Plus	This is	Adjusts the r a simulation Bass Adjusts the le	on of the MXR Knob1 -10-10 ow frequency level.		Mid Adjusts the n	Knob2 -10-10 niddle frequency leve		Trebl Adjusts the h	Knob3 -10–10 igh frequency leve	
D.I Plus	This is	Adjusts the range a simulation Bass	on of the MXR Knob1 -10-10		Mid Adjusts the n	Knob2 -10-10 niddle frequency level 0-100	el.	Trebl	Knob3	
D.I Plus	This is	Adjusts the rasin a simulation as simulation as simulation as a simulation and simulation as a	iniddle frequency levents from the MXR Knob1 -10-10 ow frequency level. 0-100 opain.		Mid Adjusts the n Blend Adjusts the original sound	Knob2 -10–10 iddle frequency level 0–100 balance between and the effected sou	el.	Trebl Adjusts the h	Knob3 -10-10 igh frequency level 0-150	
D.I Plus	This is Page01 Page02	Adjusts the rational and a simulation as simulation and a	on of the MXR Knob1 -10-10 ow frequency level. 0-100		Mid Adjusts the n Blend Adjusts the original sound CHAN	Knob2 -10-10 iddle frequency level 0-100 balance between and the effected soul CLN, DIST	the	Trebl Adjusts the h	Knob3 -10-10 igh frequency level 0-150	
D.I Plus	This is	Adjusts the na simulation Bass Adjusts the left Gain Adjusts the g	iniddle frequency levents from the MXR Knob1 -10-10 ow frequency level. 0-100 opain.		Mid Adjusts the n Blend Adjusts the original sound CHAN	Knob2 -10–10 iddle frequency level 0–100 balance between and the effected sou	the	Trebl Adjusts the h	Knob3 -10-10 igh frequency level 0-150	
D.I Plus D.I Plus D.I Plus	This is Page01 Page02 Page03	Adjusts the r a simulation Bass Adjusts the left Gain Adjusts the g Color Turns preset	iniddle frequency leven. In of the MXR Knob1 I-10-10 In of frequency level. In of the MXR On of the MXR In of the MXR In of the MXR In of the MXR In of the Xotic	Ba	Mid Adjusts the n Blend Adjusts the original sound CHAN Switches betw	Knob2 -10-10 iddle frequency leve 0-100 balance between and the effected soc CLN, DIST veen clean and distor amp, which has	the ind.	Trebl Adjusts the h Level Adjusts the o	Knob3 -10-10 igh frequency lew 0-150 utput level.	
(This is Page01 Page02 Page03	Adjusts the r a simulation Bass Adjusts the left Gain Adjusts the g Color Turns preset	iniddle frequency leven on of the MXR Knob1 -10-10 w frequency level. 0-100 jain. OFF, ON EQ OFF or ON. On of the Xotice Knob1	Ba	Mid Adjusts the n Blend Adjusts the original sound CHAN Switches betw	Knob2 -10-10 iddle frequency leve 0-100 balance between land the effected sou CLN, DIST veen clean and distor amp, which has Knob2	the ind.	Trebl Adjusts the h Level Adjusts the o	Knob3 -10-10 igh frequency level 0-150 utput level. thick sound. Knob3	
(D.I+)	This is Page01 Page03 This is	Adjusts the r a simulation Bass Adjusts the left Gain Adjusts the g Color Turns preset	iniddle frequency leven. In of the MXR Knob1 I-10-10 In of frequency level. In of the MXR On of the MXR In of the MXR In of the MXR In of the MXR In of the Xotic	Ba	Mid Adjusts the n Blend Adjusts the original sound CHAN Switches betw	Knob2 -10-10 iddle frequency leve 0-100 balance between and the effected soc CLN, DIST veen clean and distor amp, which has	the ind.	Trebl Adjusts the h Level Adjusts the o	Knob3 -10-10 igh frequency lew 0-150 utput level.	
(D.I+)	This is Page01 Page02 Page03	Adjusts the rasimulation a simulation as simulation bears and adjusts the land adjusts the graph color as imulation as simulation as simulatio	iniddle frequency level. Iniddle frequency lev	Ba	Mid Adjusts the n Blend Adjusts the original sounce CHAN Switches between the channels. SSBP Pread	Knob2 -10-10 iddle frequency leve 0-100 balance between land the effected sou CLN, DIST veen clean and distor amp, which has Knob2	the ind.	Trebl Adjusts the h Level Adjusts the o tube-like,	Knob3 -10-10 igh frequency level 0-150 utput level. thick sound. Knob3	el.
(This is Page01 Page03 This is	Adjusts the range of the samulation as simulation as simulation as simulation and samulation and simulation as sim	iniddle frequency level. Iniddle frequency lev	Ba	Mid Adjusts the n Blend Adjusts the original sounce CHAN Switches between the channels. SSBP Pread	Knob2 -10–10 iddle frequency leve 0–100 balance between and the effected so. CLN, DIST ween clean and distor amp, which has Knob2 -10–10	the ind.	Trebl Adjusts the h Level Adjusts the o tube-like,	Knob3 -10-10 igh frequency lew 0-150 utput level. thick sound. Knob3 -10-10	el.

DI5	This sir	mulates th	e AVALON DE	SIG	iN U5 pre	amp.				
			Knob1			Knob2			Knob3	
SAIN TONE LEVEL	D01	Gain	0-100		Tone	OFF, 1–6		Level	0-150	
	Page01	Adjusts the g	ain.		Adjusts the to	one.		Adjusts the o	output level.	
. 45	Page02	HiCut	OFF, ON							
	rageuz	Cuts high fre	quencies when ON.							\Box
Bass Pre	This is	a preamp	model with a s	en	ni-parame	tric equalizer fo	r th	ne mid-ran	ge.	
			Knob1			Knob2			Knob3	
BASS TREEL LEVEL	Page01	Bass	0-10		Trebl	0-10		Level	0-150	П
000	Pageui	Adjusts the lo	ow frequency level.		Adjusts the I	nigh frequency level.		Adjusts the o	output level.	
		Mid	-10–10		Freq	100Hz-4.5kHz				П
Dassere	Page02	Adjusts the n	niddle frequency leve	el.	Adjusts the mid-range.	center frequency of	the			
AC Bs Pre	This is	a preamp	model with a g	ırap	hic equal	izer.				
			Knob1			Knob2			Knob3	
l	Page01	Gain	0-100		Depth	0-10		Level	0-150	П
AcBsPre	rageor	Adjusts the g	ain.		Adjusts the I	ow frequency level.		Adjusts the	output level.	
GRIN DEPTH LEVEL	Page02	Bass	-10–10		L-Mid	-10-10		LM_F	32Hz-6.3kHz	
	rageuz	Adjusts the lo	ow frequency level.		Adjusts the I	ow mid frequency le	vel.	Adjusts the l	-Mid center frequenc	Σy.
""	Page03	Mid	-10–10		H-Mid	-10-10		Trebl	-10-10	
	rayeu3	Adjusts the n	niddle frequency leve	el.	Adjusts the I	nigh mid frequency le	vel.	Adjusts the h	nigh frequency level.	

[AMP]

SVT	Simula	tion of the	ultimate rock	bas	s amp, th	e Ampeg SVT.				
			Knob1			Knob2			Knob3	
	D01	Bass	-10-10		Mid	-10-10		Trebl	-10-10	П
	Page01	Adjusts the I	ow frequency level.		Adjusts the	middle frequency level		Adjusts the h	nigh frequency level.	
S C C		Mid_F	32Hz-6.3kHz		Gain	0-100		Level	0-150	\Box
<i>51/T</i>	Page02	Adjusts the mid-range.	center frequency of	the	Adjusts the	gain.		Adjusts the c	output level.	
(4888888888889)	Page03	Ultra	OFF, Low, Hi, Both, Cut		CAB	See Table 1		Mix	0–100	
	rageoo	Emphasizes h	nigh and low frequenc	ies.	Selects the	cabinet.			x balance of the signal d the signal after the cab	
B-Man	Simula	tion of the	Fender BASSI	MΑ	N 100.					
			Knob1			Knob2			Knob3	
	Page01	Bass	-10-10		Mid	-10-10		Trebl	-10-10	\Box
DECE MEN THEON	rageui	Adjusts the I	ow frequency level.		Adjusts the i	middle frequency level		Adjusts the h	nigh frequency level.	
HESS MID TIEBL		Mid_F	32Hz-6.3kHz		Gain	0-100		Level	0-150	
B <u>-man</u>	Page02	Adjusts the mid-range.	center frequency of	the	Adjusts the	gain.		Adjusts the c	output level.	
		Deep	OFF, ON		CAB	See Table 1		Mix	0-100	\Box
	Page03	Adjusts the lov	v-frequency character.		Selects the	cabinet.			x balance of the signal d the signal after the cab	
HRT3500	Simula	tion of the	Hartke HA350	00 f	amous fo	r its aluminum c	on	ie.		
			Knob1			Knob2			Knob3	
	Page01	Bass	-10–10		Mid	-10-10		Trebl	-10-10	\Box
	rageui	Adjusts the I	ow frequency level.		Adjusts the i	middle frequency level		Adjusts the h	nigh frequency level.	
Hrt-3500		Mid_F	32Hz-6.3kHz		Tube	0-100		Level	0-150	
000	Page02	Adjusts the mid-range.	center frequency of	the	Adjusts the r type sounds.	mix of tube and transis	tor	Adjusts the c	output level.	
		Comp	OFF,1-10		CAB	See Table 1		Mix	0-100	
	Page03	Adjusts the a	mount of compressi	on.	Selects the	cabinet.			x balance of the signal d the signal after the cab	

acoustic	Simula	tion of the	acoustic 360	we	l known fo	or its gutsy mid	rar	ige.		
			Knob1			Knob2			Knob3	
	Page01	Bass	-10-10		Mid	-10–10		Trebl	-10–10	
(NO. W. 100)	1 ageor	Adjusts the I	ow frequency level.		Adjusts the r	niddle frequency leve	l.	Adjusts the hi	igh frequency level	
000		Mid_F	32Hz-6.3kHz		Gain	0-100		Level	0–150	
acoustic	Page02	Adjusts the mid-range.	center frequency of	the	Adjusts the g	jain.		Adjusts the o	utput level.	
		Bright	OFF, ON		CAB	See Table 1		Mix	0–100	
	Page03	Emphasizes ON.	high frequencies w	hen	Selects the c	abinet.			balance of the signal the signal after the cal	
Ag Amp	Simula	tion of the	Aguilar DB750) fa	mous for i	ts powerful so	und	d.		
			Knob1	,		Knob2			Knob3	
	Page01	Bass	-10–10		Mid	-10–10		Trebl	-10–10	
	1 agcoi	Adjusts the I	ow frequency level.		Adjusts the r	niddle frequency leve	ıl.	Adjusts the hi	igh frequency level	
agamp agamp	l	Mid_F	32Hz-6.3kHz		Gain	0-100		Level	0-150	
	Page02	Adjusts the mid-range.	center frequency of	the	Adjusts the g	jain.		Adjusts the o	utput level.	
	Page03	Char	OFF, Deep, Brght, Both		CAB	See Table 1		Mix	0–100	
	1 ageos	Selects one of	of 4 types of preset to	nes.	Selects the c	abinet.			balance of the signal the signal after the cal	
Mark B	This sir	nulates th	e Italian Markb	oas	s Little Ma					
			Knob1	_		Knob2			Knob3	
	Page01	Bass	-10-10		Mid	-10–10		Trebl	-10–10	
		-	ow frequency level.	,		niddle frequency leve	ıl.		igh frequency level	
Marke Marke	Page02		32Hz-6.3kHz center frequency of	the	Gain Adjusts the g	0-100		Level Adjusts the or	0-150	
		mid-range. Color	0–6	Γ	CAB	See Table 1		Mix	0-100	T
	Page03	Adjusts low a	and high frequencies	S.	Selects the c	abinet.			balance of the signal the signal after the cal	
SMR	Simula	tion of the	SWR SM-900	, fa	mous for	its hi-fi sound.				
*			Knob1			Knob2			Knob3	
	Page01	Bass	-10 – 10		Mid	-10 – 10		Trebl	-10 – 10	
	rageur	Adjusts the lo	w frequency level.		Adjusts the m	iddle frequency level.		Adjusts the hi	igh frequency level	l.
5556MR	Page02		32Hz – 6.3kHz center frequency of	the	Gain Adjusts the o	0 – 100		Level Adjusts the or	0 – 150	
.— <u>`</u> .		mid-range.	1	_				· ·		
		ENHNC	0 – 10	_	CAB	See Table 1		Mix	0 – 100	Щ.
	Page03		control changes nd level according to n.			abinet.			nix balance of the s amp and the signal	
Flip Top	Simula	tion of the	Ampeg B-15	ma	de famous	by the Motow	n s	sound of th	ne 1960s.	
*			Knob1			Knob2			Knob3	
	Page01	Bass	-10 – 10		Mid	-10 – 10		Trebl	-10 – 10	
l	rageur	Adjusts the lo	w frequency level.		Adjusts the m	niddle frequency level.		Adjusts the hi	igh frequency level	l.
		Mid_F	32Hz – 6.3kHz		Gain	0 – 100		Level	0 – 150	
Flip Top	Page02	Adjusts the mid-range.	center frequency of	the	Adjusts the g	gain.		Adjusts the or	utput level.	
-0000		Ultra	Off, Low, Hi, Both		CAB	See Table 1		Mix	0 – 100	
	Page03	Emphasiz frequencies.	zes high and l	o w	Selects the o	abinet.			nix balance of the s amp and the signal	

Monotone		tion of the	POLYTONE N	ΛIN	NI-BRUTE	III with its dist	inc	ct midranç	ge, often used	by
*			Knob1			Knob2			Knob3	
	D01	Bass	-10 – 10		Mid	-10 – 10		Trebl	-10 – 10	
	Page01	Adjusts the lo	w frequency level.		Adjusts the n	niddle frequency level.		Adjusts the I	nigh frequency level	l.
		Mid_F	32Hz – 6.3kHz		Gain	0 – 100		Level	0 – 150	П
MONOTONE	Page02	Adjusts the mid-range.	center frequency of	the	Adjusts the	gain.		Adjusts the	output level.	
Ø X X X X X X X X X		Char	Dark, Brght, Flat		CAB	See Table 1		Mix	0 – 100	
	Page03	Selects one tones.	of 3 types of pre	eset	Selects the o	cabinet.			mix balance of the s -amp and the signal	
SuperB	Simula	tion of the	Marshall Supe	er E	lass that r	nade rock histo	ry.			
*			Knob1			Knob2			Knob3	
	Page01	Bass	-10 – 10		Mid	-10 – 10		Trebl	-10 – 10	
	1 ageo i	Adjusts the lo	w frequency level.		Adjusts the n	niddle frequency level.		Adjusts the I	nigh frequency level	l.
SUPER B		Mid_F	32Hz – 6.3kHz		Gain	0 – 100		Level	0 – 150	
	Page02	Adjusts the mid-range.	center frequency of	the	Adjusts the	gain.		Adjusts the	output level.	
		Prese	0 – 10		CAB	See Table 1		Mix	0 – 100	
	Page03	Adjusts the level.	super-high freque	ncy	Selects the o	cabinet.			mix balance of the s -amp and the signal	
G-Krueger	Simula	tion of the	famous metal	ba	ss amp G	allien-Krueger 8	00	RB from 1	the eighties.	
*			Knob1			Knob2			Knob3	
	Page01	Bass	-10 – 10		Mid	-10 – 10		Trebl	-10 – 10	
	1 ageo i	Adjusts the lo	w frequency level.		Adjusts the n	niddle frequency level.		Adjusts the I	nigh frequency level	l.
INST NO TIES.		Mid_F	32Hz – 6.3kHz		Gain	0 – 100		Level	0 – 150	
G-KRUEGER	Page02	Adjusts the mid-range.	center frequency of	the	Adjusts the	gain.		Adjusts the	output level.	
		Color	Off, Low, Mid, Hi		CAB	See Table 1		Mix	0 – 100	
	Page03	Adjusts the	preset tone.		Selects the o	cabinet.			mix balance of the s -amp and the signal	
Heaven	This sir	mulation o	f the Eden WT	-80	0 can be ι	used with a wid	e١	variety of	playing styles.	
*			Knob1			Knob2			Knob3	
	Page01	Bass	-10 – 10		Mid	-10 – 10		Trebl	-10 – 10	
	1 ageo i	Adjusts the lo	w frequency level.		Adjusts the n	niddle frequency level.		Adjusts the I	nigh frequency level	l.
™Heaven		Mid_F	32Hz – 6.3kHz		Gain	0 – 100		Level	0 – 150	
• • • • • • • • • • • • • • • • • • •	Page02	Adjusts the mid-range.	center frequency of	the	Adjusts the	gain.		Adjusts the	output level.	
		ENHNC	0 – 10		CAB	See Table 1		Mix	0 – 100	
	Page03		control changes nd level according to n.		Selects the o	cabinet.			mix balance of the s -amp and the signal	

[MOD/SFX]

Tremolo	Thic of	oot varion	the volume et	2 -	ogular rata				
TIETHOLO	Tills ell	ect varies	the volume at	a I	eguiai iale	Knob2			Knob3
		Depth	0-100	г	Rate	0-50	b	Level	0-150
DETTI BATE LEUEL	Page01		epth of the modulation			ate of the modulation	-	Adjusts the o	
Tropolo		Aujust the de	UP 0-UP 9.)II.	Aujusts trie i	ate or the modulation	i.	Aujusts trie o	utput level.
©	Page02	Wave	DWN 0-DWN 9, TRI 0-TRI 9						
		Sets the mod	dulation waveform.						
DuoTrem	This eff	ect combi	ines two tremo	olos	3.				
*			Knob1			Knob2			Knob3
	Page01	RateA	0-50	Þ	RateB	0–50	Þ	Level	0-150
	rageor	Adjusts spee	d of LFO A modulati	on.	Adjusts spee	d of LFO B modulati	on.	Adjusts the o	utput level.
Du Turu (TT)		DPT_A	0-100		DPT_B	0-100		Link	Seri, Para, STR
Duo-Trem O RATE H RATE H LEVEL	Page02	Adjusts dept	h of LFO A modulation	on.	Adjusts dept	h of LFO B modulation	on.	Sets how the nected.	two tremolos are o
			UP 0-UP 9 , DWN 0-			UP 0-UP 9 , DWN 0-			
		WaveA	DWN 9 ,		WaveB	DWN 9 ,			
	Page03		TRI 0-TRI 9			TRI 0-TRI 9			
		Sets the mo	odulation waveform	n of	Sets the mo	odulation waveforn	n of		
Phaser	This eff	ect adds a	a phasing variat	tior	to the so	und.			
			Knob1			Knob2			Knob3
NATE COLUMN LENGE.	Page01	Rate	1–50	٨	Color	4 STG, 8 STG, inv 4, inv 8		Level	0–150
Phaser		Sets the spe	ed of the modulation	١.	Sets the tone	e of the effect type.		Adjusts the o	utput level.
	Page02								
DuoPhase	This of	foot combi	inco 2 phonoro	_		-			
	11115 611	T COITIDI	ines 2 phasers. Knob1	_	1	Knob2	_	1	Knob3
*				П		1–50.			
D D: -	Page01	RateA	1–50	Þ	RateB	SyncA, RvrsA		Level	0-150
Duo-PhaSe 🗆	*	Adjusts spee	d of LFO A modulati	on.	Adjusts spee	d of LFO B modulati	on.	Adjusts the o	utput level.
RATE A RATE & LEVEL	D02	ResoA	0-10		ResoB	0-10		Link	Seri, Para, STR
	Page02	Adjusts resona	ance of LFO A modula	tion.	Adjusts reson	ance of LFO B modula	tion.	Sets how 2 p	hasers are connected
	Page03	DPT_A	1–100		DPT_B	1-100			
	rageus	Adjusts dept	h of LFO A modulation	on.	Adjusts dept	h of LFO B modulation	on.		
WarpPhase	This ph	aser has a	one way effect	ct.					
<u> </u>			Knob1			Knob2			Knob3
		Speed	1–50	Þ	Reso	0-10		Level	0-150
	Page01	Sets modular	tion speed.		Sets effect re	esonance.		Adjusts the o	utput level.
Walphilasel		DRCTN	Go, Back						
	Page02	Sets direction	n of warping.						
TheVibe	This vib	e sound f	eatures unique	ur	dulations.			:	
*			Knob1			Knob2			Knob3
The Vibe		Speed	0-50	П	Depth	0-100		Bias	0-100
900 007H 186	Page01	Sets modular	tion speed.	_	Sets the dep	th of the modulation	_	Adjusts bias o	f waveform modulation
		Wave	0–100	П	Mode	VIBRT, CHORS		Level	0-150
	Page02	Adjusts mod	ulation waveform.		Sets effect to	vibrato or chorus.	_	Adjusts the o	utput level.

Ba Chorus	You car	cut the lo	w frequencies of	of t	his bass ch	norus effect soun	d.		
			Knob1			Knob2		Knob3	
MATE BY MY		Depth	0-100		Rate	1-50	Mix	0-100	\top
(Bass	Page01	Sets the dept	th of the modulation.		Sets the spee	ed of the modulation.		mount of effected with the original sou	
CHORUS		LoCut	OFF-800Hz		Level	0-150	PreD	OFF, ON	
<u> </u>	Page02	Specifies the for the effect	low-range cutoff po sound.	oint	Adjusts the o	utput level.	Turns pre-de	lay OFF or ON.	
Ba Detune			III amount of t			ted effect sound	d with the	original soun	id, a
			Knob1			Knob2		Knob3	
#CENT Pred MIX#		Cent	-50-50		PreD	0-50	Mix	0-100	
Bass Bass	Page01		letuning in cents, wh nents of 1/100-semito		Sets the pre- sound.	delay time of the effec		mount of effected with the original sou	
		Tone	0-10		Level	0-150	LoCut	OFF-800Hz	
	Page02	Adjusts the to	one.		Adjusts the o	utput level.	Sets the cu range of the	t frequency in the effect sound.	e low
VintageCE	This is	a simulatio	on of the BOSS	CI	E-1.				
*			Knob1			Knob2		Knob3	
		Comp	0-9		Rate	1–50	Mix	0-100	\top
UintaseCE	Page01		itivity of the compress	or.	Sets the spee	ed of the modulation.		mount of effected with the original sou	
	Page02	Level	0–150						
	rageoz	Adjusts the o	utput level.						
StereoCho	This is	a stereo cl	norus with a cle	ear	tone.				
*			Knob1			Knob2		Knob3	
GEPH BITE PUX		Depth	0-100		Rate	1-50	Mix	0-100	
StereoCho	Page01	Sets the dept	th of the modulation.		Sets the spee	ed of the modulation.		mount of effected with the original sou	
	Page02	Tone	0–10		Level	0-150			
		Adjusts the to	one.		Adjusts the o	utput level.			
Ba Ensmbl	This ba	ss chorus	ensemble featı	ıre	s a sense	of three-dimens	ional move	ment.	
			Knob1			Knob2		Knob3	
		Depth	0–100		Rate	1–50	Mix	0–100	
Ensemble -	Page01	· .	th of the modulation.			ed of the modulation.		mount of effected with the original sou	
	Page02	Tone	0–10		Level	0–150			Ш
	Ľ	Adjusts the to			Adjusts the o				
SuperCho	This m	odels the s	sound of a BOS	S	CH-1 SUP				
*			Knob1			Knob2		Knob3	
		E.LVL	0–120		Rate	0-100	Depth	0–100	
ELUIL INTE DEFIN	Page01	mixed with o		ınd		ed of the modulation.	Adjust the de	epth of the modular	tion.
SuperCho		EQ	0–100		Mode	MONO, STR			Ш
	Page02	Adjusts effec	t tone.		When stereo from L chann	o mono or stereo (STR , effect sound is outpu el and unchanged inpu ut from R channel.	t		
VinFLNGR	This an	alog flange	er sound is sim	ilar					
*			Knob1			Knob2		Knob3	
(T) HI III	Dogo01	Depth	0-100		Rate	0-50	Reso	-10–10	
WINTENSER	Page01	Sets the dept	th of the modulation.		Sets the spee	ed of the modulation.	Adjusts the inten	sity of the modulation res	onance.
0		PreD	0-50		Mix	0–100	Level	0-150	
ك	Page02	Sets pre-dela	y time of effect soun	d.		mount of effected soun	d Adjusts the d	output level.	
	I	1			triat is mixed i	with the original sound.	1 '		

BaFlanger			e ADA Flange e balance betw						hat allows yo	ou to
			Knob1			Knob2			Knob3	
		Depth	0-100		Rate	0-50	Þ	Reso	-10-10	
IPH MIL NEW	Page01	Sets the dept	h of the modulation	١.	Sets the spe	ed of the modulatio	n.	Adjusts the in resonance.	ntensity of the mod	dulation
		PreD	0-50		Mix	0-100		Level	0–150	
Flanger ©	Page02	Sets pre-dela	y time of effect soul	nd.		mount of effected s with the original sou		Adjusts the	output level.	
	l	LoCut	OFF-800Hz							
	Page03	Sets the cut- range of the	off frequency in the effect sound.	low						
DynaFLNGR		lume of tl ic flanger.	ne effect sour	nd	changes a	according to t	he	input sigr	nal level with	this
*			Knob1			Knob2			Knob3	
OEFTH FINTE SENSE	Page01	Depth	0–100		Rate	0–50	Þ	Sense	-101, 1-10	
DynaFLNGR	1 ageur	Sets the dept	h of the modulation	١.	Sets the spe	ed of the modulatio	n.	Adjusts the	sensitivity of the e	ffect.
□	Page02	Reso	-10–10		Level	0-150				
	1 ageuz	Adjusts the intens	ity of the modulation reson	ance.	Adjusts the	output level.				
Vibrato	This eff	ect autom	atically adds v	ibra	ato.			,		
*			Knob1	_		Knob2	_		Knob3	
(A) (A) (A)	D01	Depth	0–100		Rate	0–50	♪	Bal	0–100	
Vibrato	Page01		h of the modulation	١.		ed of the modulatio	n.	Adjusts the l	balance between o ounds.	original
(3/10/01/01/01/01/01/01/01/01/01/01/01/01/	Page02	Tone	0–10		Level	0-150				
	1	Adjusts the to	one.		Adjusts the	output level.				
Ba Octave	This eff	ect adds s	ound one octa	ave	below the	e original soun	d.			
			Knob1			Knob2			Knob3	
ET MY TAME		Oct	0–100		Dry	0-100		Tone	0–10	
Bass	Page01	lower sound		tave		evel of the original so	und.	octave lower	tonal quality of th r sound componen	
0.0	Page02	Low	0–10		Mid	0–10		Level	0–150	
	1,51,72	Adjusts the lo	w frequency level.		Adjusts the	middle frequency lev	vel.	Adjusts the	output level.	
PitchSHFT	This eff	ect shifts	the pitch up or	dc	wn.					
			Knob1			Knob2			Knob3	
SHIFT TOME BAL		Shift	-12–12, 24		Tone	0-10		Bal	0-100	
Pitch SHET	Page01		n shift amount in semitores a detuning effect.	ones.	Adjusts the	one.		Adjusts the land effect so	balance between o ounds.	original
		Fine	-25–25		Level	0-150				
,,	Page02	Allows fine a amount in cent	djustment of pitch (1/100 semitone) step	shift ps.	Adjusts the	output level.				
Ba Pitch	This pit range.	ch shifter	was designed	sp	ecifically f	or playing sing	le r	notes in th	ne bass frequ	ency
			Knob1			Knob2			Knob3	
SHEFT TONE BAL		Shift	-12–12, 24		Tone	0–10		Bal	0-100	
Boss Pittch	Page01		n shift amount in semitores a detuning effect.	ones.	Adjusts the	one.		Adjusts the l	balance between o	original
		Fine	-25-25		Level	0-150	Т			
	Page02		djustment of pitch (1/100 semitone) step		Adjusts the	output level.	-		•	-

RingMod			ces a metallic i sound charact		jing sound	I. Adjusting th	ne "F	req" para	meter results	in a
*			Knob1			Knob2			Knob3	
FRED. TONE BAL		Freq	1–50		Tone	0-10	\top	Bal	0-100	Т
RingMod	Page01	Sets the frequ	uency of the modulation	on.	Adjusts the t	one.		Adjusts the band effect so	palance between or ounds.	riginal
	Page02	Level	0–150							\perp
	<u> </u>	Adjusts the o								
CE-Cho5	This ch	orus is a n	nodel of the B0)SS	S CE-5.					
*			Knob1			Knob2			Knob3	
	D01	E.LVL	0–120		RATE	0–100		DEPTH	0–100	\perp
ELUIL RATE DEPTH	Page01	mixed with o	ount of effect so riginal sound.	und	·	ed of the modulation	on.	· ·	epth of the modula	tion.
CE-Cho5		LOW	0–100		HIGH	0–100		MODE	MONO, STR	(OTD)
	Page02	Adjusts volur	me of low frequencie	s.	Adjusts volur	me of high frequen	cies.	When stered from L chann	to mono or stereo o, effect sound is one the and unchanged out from R channel.	output
CloneCho	This an	alog choru	ıs sound mode	ls t	he Electro	-Harmonix Sr	mall	Clone.		
*			Knob1			Knob2			Knob3	
DEPTH RATE	Page01	DEPTH	1, 2		RATE	0–100				
CLONE		Sets the dep	th of the modulation		Sets the spe	ed of the modulation	on.		1	_
	Page02									
StonePha	This ph	aser soun	d models the E	led	tro-Harm	onix SmallSto	ne.			
*			Knob1			Knob2			Knob3	
GLOR RATE	Page01	COLOR	1, 2		RATE	0-100				
STONE	rageor	Sets the dep	th of the modulation	_	Sets the spe	ed of the modulation	on.	ļ		
	Page02									
BF FLG 2	This m	odels a BC	OSS BF-2 Flang	er.						
*			Knob1			Knob2			Knob3	
MANUAL DEFTA PATE	Page01	MNL	0-100		DEPTH	0-100		RATE	0-100	
BFFLG2	1 ageor	Sets the dela			Sets the dep	th of the modulation	n.	Sets the spe	ed of the modulation	on.
	Page02	RES	0–100							
0 01			eedback amount.	_						
CoronaCho	This is	a model o	f tc electronic's	s C	ORONA C					
*			Knob1	_		Knob2	_		Knob3	
	Page01	SPEED	0–100		DEPTH	0–100		FxLVL	0-100	
SPEED CEPTH FALVIL		Sets modular TONE	0–100	Г	DRY	th of the modulation	on.	Adjusts the v	olume of the effec	τ.
[CoronaCho] ⊛	Page02	Adjusts the t			When ON, the	ne original sound are If are mixed and onen OFF, only the	utput			
ANA234Cho	This an	alog choru	is sound mode	ls t	he MXR N	Л234.				
*			Knob1			Knob2			Knob3	
		LEVEL	0-100		RATE	0-100	Т	DEPTH	0-100	\top
LEVEL PATE DEPTH	Page01	Adjusts am mixed with o	ount of effect sor	und	Sets the spe	ed of the modulation	on.	Sets the dep	th of the modulation	on.
dana		LOW	0–100		HIGH	0-100		Mode	MONO, STR	
[<u>234Chn</u> [Page02	Adjusts volur	ne of low frequencie	S.	Adjusts volur	me of high frequen	cies.	When stered from L chann	to mono or stereo on the control of	output input

Knob1	CORONA Tri-Chorus.						
★ Knob1	Knob2 Knob3						
Page01 SPEED 0-100 DEF	PTH 0-100 FxLVL 0-100						
Sets modulation speed. Sets	s the depth of the modulation. Adjusts the volume of the effect.						
TONE 0-100 DRY	Y OFF/ON						
Page02 Adjusts the tone.	en ON, the original sound and the ect sound are mixed and output ether. When OFF, only the effect ind is output.						
BitCrush This effect creates a lo-fi sound.							
★ Knob1	Knob2 Knob3						
BIT STIPLING BRIL BIT 4-16 SMI	PL 0-50 Bal 0-100						
I ISSSI Page()] I	Adjusts the balance between original and effect sounds.						
Page02 Tone 0-10 Leve	rel 0–150						
Adjusts the tone. Adju	usts the output level.						
Bomber This effect produces an explosive sour							
★ Knob1	Knob2 Knob3						
PTTRN HndGn, Arm, Bomb, Thndr Dec							
Sets type of effect sound. Sets	s length of reverberations. Adjusts the balance between original and effect sounds.						
Page02 THRSH 0-50 Pow							
	usts strength of explosive sound. Adjusts the tone.						
Page03 Level 0-150 Adjusts the output level.							
detects the pitch of the input signal.	onophonic (single-note playing) bass synthesizer that						
Knob1	Knob2 Knob3						
Decay 0-100 Wav	PWM						
BassSynth Adjusts the rate of sound change. (sav	is the waveform type to "Saw" wtooth), "Pulse" (square wave), Adjusts the intensity of the effect PVMM (pulse width modulation ulting in fatter sound).						
Page02 Synth 0-100 Dry	0–100 Level 0–150						
Adjusts level of synthesizer sound. Adju	usts level of original sound. Adjusts the output level.						
Z-Organ This effect simulates an organ sound.							
★ Knob1	Knob2 Knob3						
Page01 Upper	ver 0–100 Dry 0–100						
Z-Organ Adjusts volume of high frequencies. Adjusts	usts volume of low frequencies. Adjusts level of original sound.						
Page02 HPF 0-10 LPF							
Adjusts high-pass filter cutoff frequency. Adju	usts low-pass filter cutoff frequency. Adjusts the output level.						
AutoPan This effect cyclically moves the panning	ng position of the sound.						
★ Knob1	Knob2 Knob3						
Page01 Rate 0-50 Mid							
Sets the speed of the modulation. Sets	s the width of the panning. Adjusts the output level.						
Sets the depth of the modulation. clip	usts the amount of waveform ping. Higher values emphasize auto-panning effect more.						

				_		-	_			
Rt Closet	Simula	tes a rotar	y speaker.							
*			Knob1			Knob2			Knob3	
		Bal	0-100		Mode	Slow,Fast		Level	0-150	
Roto Closet	Page01		balance between equencies) and the c cies).		Sets the rota	ary mode.		Adjusts the o	utput level.	
N MOSE LEVEL TO		Drive	0–100				_			
	Page02	Adjusts the from the pre-	amount of amplifica	ation						
StdSyn	ZOOM	original b	ass synthesize	rsc	ound.					
			Knob1			Knob2			Knob3	
SENSE SOUND TONE		Sense	0-100		Sound	1–4		Tone	0-10	
StdSyn	Page01	Adjusts the detection.	sensitivity for tri	gger	Selects a sy	nthesizer variation.		Adjusts the to	nal quality of the sou	und.
	Page02	Synth	0–100		Dry	0-100		Level	0-150	
	rugooz	Adjusts level	of synthesizer soun	d.	Adjusts leve	of original sound.		Adjusts the o	utput level.	
SynTlk	This ef	fect produ	ces a synthesi	zer	sound sir	nilar to a talking	m	odulator p	roducing vow	els.
			Knob1			Knob2			Knob3	
GELAY TYPE TONE	D01	Decay	0-100		Туре	iA, UE, UA, oA		Tone	0-10	
Syn	Page01	Adjusts the ra	ite of sound change.		Selects a vov	vel variation.		Adjusts the to	nal quality of the sou	und.
∽ otik	Page02	Synth	0-100		Dry	0-100		Level	0–150	
	1 agoo2	Adjusts level	of synthesizer soun	d.	Adjusts leve	of original sound.		Adjusts the o	utput level.	
Z-Syn	This ba	iss synthe	sizer sound ad	ds	analog syı	nth fatness.				
			Knob1			Knob2			Knob3	
	Page01	Wave	Saw, Sqr		Decay	0-100		Tone	0–10	
WHITE DECAY TENE	rageui	Selects the w	vaveform.		Adjusts the s	peed of tone modulatio	n.	Adjusts the to	one.	
7 000		Freq	0–10		Range	0–20		Reso	0–20	
	Page02	Sets the cut- pass filter.	off frequency of the	low-	Adjusts the a modulation.	mount of cut-off frequer	су	Adjusts the resonance.	intensity of the f	filter
	Page03	Synth	0-100		Dry	0-100	_	Level	0–150	
		Adjusts level	of synthesizer soun	d.	Adjusts leve	of original sound.		Adjusts the o	utput level.	
Defret	Turns t	he sound	from any bass	gui	tar into a	fretless bass so	un	d.		
			Knob1			Knob2			Knob3	
SENSE COLOR LEVEL 8		Sense	0–30		Color	1-10		Level	0–150	
Defret	Page01	Adjusts the e	effect sensitivity.		the sound.	harmonics contents Higher setting valu nger effect character.		Adjusts the o	utput level.	
	Page02	Tone	1–50							
	. agcoz	Adjusts the to	onal quality of the sou	ınd.						
V-Syn	This ef	fect produ	ices a vintage	bas	s synthes	izer sound.				
*			Knob1			Knob2			Knob3	
DECRY SENSE NAME		Decay	0 – 100		Sense	0 – 30		Range	-10 – 10	П
<u>V-5YN</u>	Page01	Adjusts the ra	ite of sound change.		Adjusts the detection.	sensitivity for trigg	er	Adjusts the filt	er shift range.	
	Page02	Synth	0 – 100		Dry	0 – 100		Level	0 – 150	
	1 49002	Adjusts leve	of synthesizer sour	ıd.	Adjusts leve	l of original sound.		Adjusts the o	utput level.	
4VoiceSyn						components to ined by the Mod				the
*			Knob1			Knob2			Knob3	
(RTICK NEDE SCHLE)		ATTCK	0 – 10		Mode	1–9		Scale	1, 2	
4VoiceSyn	Page01	Adjusts th synthesizers		the	Selects a ha (See Table 2	armony type from 1 -	9.	variations ar	armony variation. e available for eac s. (See Table 2)	
9: ⊘ 8										_
2 0#	Page02	Synth	0 – 100		Dry	0 – 100		Level	0 – 150	

[DLY/REV]

Delay	This lor	ng delay ha	s a maximum I	er	gth of 400	00 ms.				
			Knob1			Knob2			Knob3	
		Time	1–4000	Þ	F.B	0-100		Mix	0-100	
	Page01	Sets the delay	time.		Adjusts the fe	eedback amount.			mount of effected with the original so	
DELAY & &			0–10		P-P	MONO, P-P		Level	0-150	
	Page02	Adjusts the tri delay sound.	eble attenuation of t	he	Sets delay o pong.	utput to mono or	ping-	Adjusts the o	utput level.	
(OFF/ON							
	Page03	even after effe	ffect sound continu ect is turned off. Wh ound stops right wh d off.	en						
TapeEcho	This eff the ech		tes a tape ech	0.	Changing	the "Time"	para	meter cha	nges the pito	ch of
*			Knob1			Knob2			Knob3	
		Time	1–2000	٨	F.B	0-100		Mix	0-100	
TapeEcho 🗆	Page01	Sets the delay	time.		Adjusts the fe	edback amount.			mount of effected with the original so	
7000		HiDMP	0–10		Level	0-150		Tail	OFF/ON	
000 0779	Page02	Adjusts the tr delay sound.	eble attenuation of t	he	Adjusts the o	utput level.		even after ef	effect sound cont fect is turned off. ound stops right and off.	When
ModDelay	This de	lay effect a	llows the use of	of	modulatio	n.				
*			Knob1			Knob2			Knob3	
		Time	1–2000	Þ	F.B	0-100		Mix	0-100	
° ■ ModDeiαs °	Page01	Sets the delay	time.		Adjusts the fe	eedback amount.			mount of effected with the original so	
		Rate	1–50		Level	0-150		Tail	OFF/ON	
	Page02	Sets the spee	d of the modulation.		Adjusts the o	utput level.		even after ef	effect sound cont fect is turned off. ound stops right and off.	When
ModDelay2	You car	adjust the	depth of this i	mo	odulation o					
			Knob1			Knob2			Knob3	
	D 04	Time	1–2000	Þ	F.B	0-100		Mix	0–100	
	Page01	Sets the delay			· .	eedback amount.		that is mixed	mount of effected with the original so	
ModDelay2	Page02		1–50		Level	0-150		Depth	0-100	
. O O O .	<u> </u>		d of the modulation. OFF. ON	_	Adjusts the o	utput level.		Adjust the de	pth of the modula	ilion.
	Page03	When ON, et even after effe	ffect sound continuect is turned off. Whound stops right wh	en						
AnalogDly	This an	alog delay	simulation has	а	long delay	with a maxi	num	length of	4000 ms.	
*			Knob1			Knob2			Knob3	
		Time	1–4000	Þ	F.B	0-100		Mix	0–100	\perp
(- '''')	Page01	Sets the delay	time.		Adjusts the fe	eedback amount.			mount of effected with the original so	
			0–10		P-P	MONO, P-P		Level	0-150	
Rnalog 💆	Page02	delay sound.	eble attenuation of t	he	Sets delay o pong.	utput to mono or	ping-	Adjusts the o	utput level.	
	Page03	When ON, et even after effe	OFF/ON ffect sound continuect is turned off. Whound stops right who doff.	en						

ReverseDL	This re	verse dela	y is a long dela	y v	vith a max	imum length of	20	000 ms.	:	
*			Knob1			Knob2			Knob3	
		Time	10–2000	Þ	F.B	0-100		Bal	0-100	
ReverseDelay	Page01	Sets the dela	y time.		Adjusts the fe	eedback amount.		Adjusts the b and effect so	alance between ori unds.	iginal
		HiDMP	0-10		Level	0-150		Tail	OFF/ON	
	Page02	Adjusts the t delay sound.	reble attenuation of	the	Adjusts the o	utput level.		even after eff	effect sound continued off. Wound stops right weed off.	Vhen
MultiTapD	This eff	ect produ	ces several del	ay	sounds w	ith different dela	ay	times.		
*			Knob1			Knob2			Knob3	
		Time	1-3000	Þ	PTTRN	1-8		Mix	0-100	
Multi Tap Delay	Page01	Sets the dela	y time.			pattern, which varies fro random patterns.	m		mount of effected swith the original sour	
. £22_**		Tone	0-10		Level	0-150		Tail	OFF/ON	
	Page02	Adjusts the to	one.		Adjusts the o	utput level.		even after eff	effect sound continued off. Wound stops right weed off.	Vhen
DynaDelay	This dy level.	namic del	ay adjusts the	vo	lume of th	ne effect sound	ac	ccording to	the input sig	gnal
*			Knob1			Knob2			Knob3	
		Time	1–2000	Þ	Sense	-101, 1-10		Mix	0-100	
TIME SENSE MIX	Page01	Sets the dela	y time.		Adjusts the e	ffect sensitivity.			mount of effected swith the original sour	
<u> </u>		F.B	0-100		Level	0-150		Tail	OFF/ON	
(Dyna Delay)	Page02	Adjusts the fo	eedback amount.		Adjusts the o	utput level.		even after eff	effect sound continued in the second stops right was a second secon	Vhen
FilterDly	This eff	ect filters	a delayed sour	nd.						
*			Knob1			Knob2			Knob3	
		Time	1–2000	Þ	F.B	0-100		Mix	0-100	
	Page01	Sets the dela	y time.		Adjusts the fe	eedback amount.			mount of effected swith the original sour	
***		Rate	1–50		Depth	0-100		Reso	0–10	
Filter O. III.	Page02	Sets the sper	ed of the modulation	١.	Sets the dep	th of the modulation.		Adjusts the in- resonance.	tensity of the modul	lation
		Level	0-150		Tail	OFF/ON				
	Page03	Adjusts the o	utput level.		even after ef	effect sound continu fect is turned off. Wh cound stops right wh ed off.	en			
PitchDly	This eff	ect applies	pitch shift to a	de	layed sour	nd.				
*			Knob1			Knob2			Knob3	
		Time	1–2000		Pitch	-12-12		Mix	0–100	
(Page01	Sets the dela	y time.		Sets volume delayed soun	of pitch shift applied d.	to		mount of effected so with the original sour	
PitchDelay •	Page02	F.B	0–100		Tone	0-10		Level	0–150	
TIME ATON MIX	1 ageuz	Adjusts the fe	eedback amount.		Adjusts the to	one.		Adjusts the o	utput level.	
<u> </u>		Tail	OFF/ON							
	Page03	even after ef	effect sound contin fect is turned off. W ound stops right w ed off.	hen						

StorooDly	Thic ct	aroo dolov	allows the left		d right dal	av timos to bo		t congrete	lv.	
StereoDly	11115 516	rieo delay	allows the left	. an	u rigiti deli	Knob2	- 50	T separate	Iy. Knob3	
*	$\vdash $	Timel	Knob1 1–2000	Ь	TimeR	1-2000)	Mix	0-100	
	Page01		y time of left char	-		time of right cha	_		mount of effected sou	ınd
First Lond Will		delay.		_	delay.			that is mixed v	with the original sound	
	Page02	LchFB	0-100	Ļ	RchFB	0–100	<u>L</u>	Level	0–150	
STEREO ® DELAY		Adjusts delay LchLv	feedback of left chans 0-100	nel.	Adjusts delay f RchLv	eedback of right cha	nnel.	Adjusts the o	off/ON	
	Page03		output of left chann	iel.		output of right cha	nnel.	When ON, e even after eff	effect sound continu fect is turned off. Wh ound stops right wh	en
PhaseDly	This eff	ect applies	s a phaser to a	de	layed sour	nd.				
*			Knob1			Knob2			Knob3	
1	$\overline{}$	Time	1–2000	Þ	F.B	0-100	\Box	Mix	0–100	
	Page01	Sets the dela	y time.		Adjusts the fe	edback amount.	_		mount of effected sou with the original sound	
Phase oo o DIU	Page02	Rate	1–50	L	Color	4 STG, 8 STG, inv 4, inv 8		Level	0–150	
. 		Sets the spee	ed of the modulation OFF/ON	١.	Sets the tone	of the effect type.	_	Adjusts the o	utput level.	
	Page03	When ON, e even after eff	effect sound contin fect is turned off. W ound stops right w	/hen			_			
StompDly	By turn	ing the fee	edback up on t	his	stomp-sty	le delay, you	can	make it se	lf-oscillate.	
			Knob1			Knob2			Knob3	
	D 04	E.LVL	0–120	Щ	F.B	0–100		Time	1–600	
(ELUIL F.B. TIME)	Page01	mixed with or	· -	und		edback amount.	_	Sets the dela		
Stomp Dly	Page02	Activates tem	OFF, №— Jx8 npo sync.	<u> </u>	Sets output to When stereo, from L channe	MONO, STR o mono or stereo (effect sound is or el and unchanged ut from R channel.	utput	even after eff	OFF, ON effect sound continu fect is turned off. Wh cound stops right wh ed off.	en
		HiDMP	0–10				Т			
	Page03	Adjusts the t delay sound.	reble attenuation of	the						
TapeEcho3	This tap	oe echo ef	fect models th	e N	//AESTRO	ECHOPLEX E	P-3			
*			Knob1			Knob2			Knob3	
		F.B	0-100	匚	MIX	0-100		TIME	10–1000	
TAPE ECHOS	Page01	Adjusts the fe	eedback amount.			amount of effe mixed with the or			y time.	
		RecLv	0-100		SYNC	OFF, ≯-Jx8	Þ	P-Amp	OFF, ON	
o H m	Page02	Adjusts the value.	volume recorded to	the	Activates tem	po sync.		affects the too is off. When output withou	r the TapeEcho3 prear ne when the echo effe OFF, the input sound ut being changed. Wh mp affects the tone.	ect I is
DualDigiD	This eff	ect combi	nes 2 delays a	nd	is based o	n the Eventid	e Tir	meFactor [DigitalDelay.	
*			Knob1			Knob2			Knob3	
		TimeA	0-1990	Þ	TimeB	0-1990	Þ	FdbkA	0–110	
	Page01	Adjusts the d	lelay time of Delay A		Adjusts the de	elay time of Delay	В.	Adjusts the amount.	e Delay A feedba	ck
TIMES TIMES FIRMS		FdbkB	0–110		Depth	M-0-50, S-0-50		Speed	0–50	
DUAL DIGITAL DELAY	Page02	Adjusts the amount.	e Delay B feedb	ack		nodulation depth. out to mono (M0-		Sets modulat	ion speed.	
		FLTR	-100–100		DlyMx	0-100	\Box	Mix	0-100	_
	Page03	Adjusts the to	one.		Adjust the mi effect sounds	ix of the Delay A a	nd B		amount of effect mixed with the origin	
				_						

CarbonDly	This an	alog delay	sound is a mo	ode	of the M	XR Carbon Cop	by.			
*			Knob1			Knob2			Knob3	
		DELAY	19–581	Τ	REGEN	0-100		MIX	0-100	\Box
	Page01	Sets the dela	y time.		Adjusts the f	eedback amount.			amount of effe mixed with the ori	
Garbon Delay	Page02	MOD	OFF/ON		WIDTH	0-50		SPEED	0-50	
	1 ageuz	Turns modula	tion ON or OFF.		Adjusts the v	vidth of the modulat	ion.	Sets modulat	ion speed.	
		Tail	OFF/ON		Sync	OFF, ≯-Jx8	♪			Ш
	Page03	even after ef	effect sound continued off. We cound stops right we do off.	Vhen	Activates ten	npo sync.				
DriveEcho	This ec	ho effect t	hat can be dri	ven	is modele	d on the LINE	6 N	19 TubeEch	10.	
*			Knob1			Knob2			Knob3	
		DRIVE	0-100		MIX	0-100		TIME	20-1990	Þ
	Page01	, , , , , , , , , , , , , , , , , , ,	mount of distortion.		sound that is sound.	amount of effect mixed with the orio			y time.	
		F.B	0-100		WOW	0-100		DRY	DRIV/THRU	Ш
CHIVETEID ORIVETEID Page02	Adjusts the fe	eedback amount.		Adjusts the v	vow and flutter effec	t.	parameter a dry signal. Se setting affect	r the DriveEcho D ffects the tone of et to DRIVE, the D ts the "dry" sound e dry sound is ou g changed.	f the RIVE . Set	
		Tail	OFF/ON		Mode	MONO, STR				П
	Page03	even after eff sound also co tone as when When OFF, e when effect is		e dry same right		o mono or stereo (S				
SlapBackD						e that is good SHBACK set fo			ytnm playing i	and
*			Knob1			Knob2			Knob3	
	Page01	TIME	1–300	Þ	SubDv	リ, カ, ping-pong panning		EB	0–100	
		Sets the dela	y time.		Set the not sound.	e length of the d	elay	Adjusts the fe	edback amount.	
tint sixte at		FxLVL	0–100		DRY	OFF/ON		Tail	OFF/ON	Ш
I STAPBAGAN I DELAY I	Page02	Adjusts the v	olume of the effect.		effect sound	e original sound and lare mixed and ou en OFF, only the ef out.	tput	even after eff	ffect sound continued off. Volume off. Volume off. Volume off. Volume of off.	Vhen
		Mode	MONO, STR							
	Page03	Sets outpu (STR).	t to mono or ste	ereo						
SmoothDly	This wi	de delay is	s modeled on	the	BOSS DD	-20 in SMOOT	Ήr	node.		
*			Knob1			Knob2			Knob3	
		TIME	1–3000	♪	F.B	0-100		E.LVL	0–100	
1107E FE ELVIL	Page01	Sets the dela	y time.		Adjusts the f	eedback amount.		Adjusts amo	ount of effect so riginal sound.	ound
SMOOTH DELLEY		TONE	0-100		Tail	OFF/ON				
	Page02	Adjusts the to	one.		even after ef	effect sound conting fect is turned off. Wo sound stops right wo and off.	hen/			

LO-FI Dly						de of the stry				u to
A.	acgrad	C the sour	Knob1	,	le bit rate	Knob2	ato	paramete	Knob3	
×	\vdash	TIME	2–1900	<u></u>	F.B	0-100	П	MIX	0-100	\top
	Page01	Sets the dela		,		eedback amount.		Adjusts the	amount of effe mixed with the or	
		SMPL	1/128-1/1		BITS	4-32		BLEND	0-100	\Box
LO-FI DELAY	Page02	Sets sampling	g rate.		Sets bit dept	h.			balance between and the lo-fi soun	
		DAMP	0–10		FLT	OFF, 1–8		VINYL	OFF, D:1–D:9, S:1–S:9	
	Page03	Adjusts how decays.	v the feedback so	und		naracter of the fi e effect sound.	Iter	With D:1-D:	that occurs rando 9, the noise occu delay output.	
SlwAtkDly	This eff	ect, which	gently brings o	n th	ne delay, is	modeled on th	e L	INE6 M9 A	uto-Volume Ed	cho.
*			Knob1			Knob2			Knob3	
		TIME	1-1900	Þ	F.B	0-100		MIX	0-100	
	Page01	Sets the dela	y time.		Adjusts the f	eedback amount.			amount of effe mixed with the or	
WHEN SHOW IN SHORE		DEPTH	0-100		SWELL	1–50		Mode	MONO/STR	Ш
	Page02	Sets the dept	th of the modulation		Adjusts the at	tack time.		MONO for a	effect is applied. S mono chorus effect stereo vibrato effect	t. Set
		Tail	OFF/ON							
	Page03	even after ef OFF, effect s effect is turne		hen hen						
TremDelay	This eff lay sour			e st	rymon TIM	1ELINE TREM r	noc	le, adds a t		de-
*			Knob1	_		Knob2			Knob3	
		TIME	60–1900	Þ	F.B	0-100		MIX	0–100	
000	Page01	Sets the dela			Adjusts the f	eedback amount.			amount of effe mixed with the or	
TIPKIOLO DELAP	Page02	LFO	TRI, SQR, SIN, RAMP, SAW		DEPTH	0–100		SPEED	1/32–32/1	
		waveform.	tremolo modula:	tion		of the modulation.		Sets modulat		
	Page03	DAMP Adjusts how	0-10	LIP CI	HPF	OFF, 20-900 maximum range of	thr	GRIT	0-10 distortion of the e	ffoot
51 TO DOD		decays.	 	_	frequencies i	n the effect sound.		sound.	 	
FLTR PPD	Based	on the Eve		or l	FilterPong,	this effect cor	nbi	nes filter a	· · · · · · · · · · · · · · · · · · ·	ts.
*	\vdash	-	Knob1			Knob2			Knob3	
	Page01	Sets the dela	0–1900 y time for Delay A.)	Adjusts the o	0-1900 lelay time of Delay B			0-100 amount of effe mixed with the or	
U U U		DlyMx	0-100		Fdbk	0-110		Slur	0–10	
FILTER PP-DELAY	Page02	Adjusts the n B effect soun	nix of Delay A and D ds.	elay	Adjusts the f	eedback amount.		Softens the sound.	attack of the feed	lback
	Page03	FLTR	0–100		Depth	M-0–10, S-0–10		Wave	Sn1–16, Tr1–16, Sq1–16	
	. 3==3	Adjusts the applied.	amount the filte	ris		modulation depth. A out to mono (M-0–10 0).		Sets the mod speed of mod	dulation wave type lulation.	e and

_		TIDITICS dat	o pari ariu uelay	ιO	create the	e effect of the st	ere	eo image n	noving cyclical	ly.
I 🛪			Knob1			Knob2			Knob3	
		Time	1–2000	Þ	F.B	0-100		Mix	0-100	T
	Page01	Sets the delay	/ time.		Adjusts the fe	eedback amount.			amount of effe mixed with the or	
AUTO PANDELAY	Page02	Rate	1/4, 1/2, 3/4, 1–50		Width	L50-R50		Depth	0–10	
	. ugooz	Sets the s movement.	peed of the sou	nd	Sets the v movement.	vidth of the sou	n d	Sets the d movement.	lepth of the so	ound
		Clip	0–10		Link	P-D, D-P		Level	0–200	
	Page03	Adjusts the clipping.	amount of wavefo	rm	Sets the orde delay are con	er that the auto pan	and	Adjusts the o	utput level.	
ICE Delay	Based o		mon TIMELINE	IC		nis effect comb	ne	s pitch shi	fting and delay	/.
*	$\overline{}$		Knob1			Knob2			Knob3	
		TIME	60-1300	Þ	F.B	0-100		MIX	0-100	T
0 0 0	Page01	Sets the delay	/ time.		Adjusts the fe	eedback amount.			amount of effe mixed with the or	
CATALLIAN AND		INTVL	-Oct-2Oct		SLICE	SHORT, LONG		BLEND	0–20	
©	Page02	Sets the pitch the audio slice	modulation amount es.	for	Adjusts the le	ength of the slices.		Adjusts the b and ICE signa	alance between th	e dry
		SMEAR	OFF, 1–20		DAMP	0-10		HPF	OFF, 20-900	
	Page03		mount that the attack sound is softened.	c of	Adjusts hov decays.	v the feedback sou	ınd		maximum range on the effect sound.	of the
HD Hall	This is	a dense ha	all reverb.							
			Knob1			Knob2			Knob3	
		PreD	1–200		Decay	0-100		Mix	0-100	
HD Hall	Page01		delay between input sound and start of t		Sets the durat	tion of the reverberation	ns.		mount of effected s with the original sou	
		LoDMP	0–100		HiDMP	0-100		Tail	OFF/ON	
	Page02	Adjusts low reverb sound.		j in	Adjusts high reverb sound	frequency damping	j in	even after ef	effect sound conti fect is turned off. Vo ound stops right ved off.	When
HD Reverb	This is	a high-defi	nition reverb.							
★			Knob1			Knob2			Knob3	
	D01	Decay	0–100		Tone	0-10		Mix	0–100	
	Page01		ion of the reverberatio	ns.	Adjusts the to			that is mixed	mount of effected s with the original sou	
* HD Reverb *	D02	PreD	1–200	_	HPF	0–10		Level	0–150	
	Page02		lay between input of nd start of the reverb sou		Adjusts high-p	ass filter cutoff frequer	icy.	Adjusts the o	utput level.	
		Tail	OFF/ON							
	Page03	even after eff	ffect sound continuted is turned off. Who bund stops right what off.	nen						
Hall	This rev	verb effect	simulates the	ac	oustics of	a concert hall.				
*			Knob1			Knob2			Knob3	
		Decay	1–30		Tone	0-10		Mix	0-100	T
* HALL	Page01	Sets the durat	ion of the reverberatio	ns.	Adjusts the to	one.			mount of effected s with the original sou	
666		PreD	1–100		Level	0-150		Tail	OFF/ON	
	Page02		lay between input of nd start of the reverb sou		Adjusts the o	utput level.		even after eff	effect sound conti fect is turned off. Vound stops right ved off.	When

Room	This re	verb effec	t simulates the	e ac	oustics of	a room.				
			Knob1			Knob2			Knob3	
		Decay	1–30	Т	Tone	0-10	Т	Mix	0-100	\top
* ROOM Lat. *	Page01	Sets the dura	ation of the reverbera	tions.	Adjusts the	tone.			amount of effected with the original so	
ROOM LAND		PreD	1–100	Т	Level	0-150		Tail	OFF, ON	1
	Page02		delay between input of and start of the reverb s		Adjusts the	output level.		even after et	effect sound cont ffect is turned off. I sound stops right ed off.	When
TiledRoom	This re	verb effec	t simulates the	e ac	oustics of	a tiled room				
*			Knob1			Knob2			Knob3	
		Decay	1–30		Tone	0-10		Mix	0–100	
*Tiled Rm 🔑 👢 *	Page01	Sets the dura	ation of the reverbera	tions.	Adjusts the	tone.			amount of effected with the original so	
1 6 6 6 6 C		PreD	1–100	Т	Level	0-150		Tail	OFF/ON	
	Page02		delay between input of and start of the reverb s		Adjusts the	output level.		even after et	effect sound cont ffect is turned off.' sound stops right ed off.	When
Spring	This re	verb effec	t simulates a s	prir	ng reverb.					
*			Knob1			Knob2			Knob3	
		Decay	1–30		Tone	0–10		Mix	0–100	
DECHY TONE MIX	Page01	Sets the dura	ation of the reverbera	tions.	Adjusts the	tone.			amount of effected with the original so	
Sprins		PreD	1–100		Level	0-150		Tail	OFF/ON	
	Page02	Adjusts the delay between input of the		Adjusts the	output level.		even after et	effect sound cont ffect is turned off. ' sound stops right ed off.	When	
Arena	This re	verb effec	t simulates the	e ac	oustics of	a large encl	osure	such as a	sports arena	
*			Knob1			Knob2			Knob3	
		Decay	1–30		Tone	0-10		Mix	0-100	
* Arena Reverb *	Page01	Sets the dura	ation of the reverbera	tions.	Adjusts the	tone.			amount of effected with the original so	
6661		PreD	1–100		Level	0-150		Tail	OFF/ON	
.,000	Page02		delay between input of and start of the reverb s		Adjusts the	output level.		even after et	effect sound cont ffect is turned off.' sound stops right ed off.	When
EarlyRef	This ef	fect repro	duces only the	eai	rly reflecti	ons of reverb).			
*			Knob1			Knob2			Knob3	
		Decay	1–30	Т	Shape	-10-10		Mix	0-100	Т
DECRY SHAPE MIX	Page01	Adjusts the	duration of the rever	b.	Adjusts the	effect envelope.			amount of effected with the original so	
Early Reflection		Tone	0-10	Т	Level	0-150		Tail	OFF/ON	
(III O S.)	Page02	Adjusts the	tone.		Adjusts the	output level.		even after et	effect sound cont ffect is turned off. sound stops right ed off.	When
Air	This ef	fect repro	duces the amb	ien	ce of a roo	om, to create	spat	ial depth.		
*			Knob1			Knob2			Knob3	
		Size	1–100		Tone	0-10		Mix	0-100	\top
•	Page01	Sets the size	e of the space.		Adjusts the	tone.			amount of effected with the original so	
		Ref	0–10	\perp	Level	0-150		Tail	OFF/ON	
	Page02	Adjusts the	e amount of reflect	ction	Adjusts the	output level.	-	even after et	effect sound cont ffect is turned off. ' sound stops right	When

Level 0-150 Tail OFF, ON When ON, effect sound continues even after effect is turned off When	effected sound original sound.						
Page01 Adjusts the delay between input of the original sound and start of the reverberations. Adjusts the amount of the reverbesound. Page02 Adjusts the reverb time of the low frequency damping in Adjusts high frequencies. Tail OFF, ON Level 0-150 When ON, effect sound continues even after effect is turned off. When OFF, effect sound stops right when effect is turned off. ModReverb This reverb generates fluctuating echoes. Nabl Nable Nable Nable Nable	original sound.						
the original sound and start of the Sets the duration of the reverberations. Adjusts in earlouin of that is mixed with the reverb sound. Color 0-100 LoDMP 0-100 HiDMP 0-100 Adjusts the reverb time of the low Adjusts low frequency damping in Adjusts high frequencies. Tail OFF, ON Level 0-150 When ON, effect sound continues even after effect is turned off. When OFF, effect sound stops right when effect is turned off. ModReverb This reverb generates fluctuating echoes. Knob1 Knob2 Knob2 Engel Start ender everb. Adjusts the amount of that is mixed with the modulation. Adjusts the duration of the reverb. Adjusts the amount of that is mixed with the modulation. Page01 Sets the depth of the modulation. Adjusts the tone. Adjusts the delay betworiginal sound and start of the modulation of the reverb. Tail OFF, ON When ON, effect sound continues even after effect is turned off. Page03	original sound.						
Page02 Adjusts the reverb time of the low frequency damping in Adjusts high frequencies. Tail OFF, ON Level 0-150 When ON, effect sound continues even after effect is turned off. When OFF, effect sound stops right when effect is turned off. ModReverb This reverb generates fluctuating echoes. Knob1 Knob2 Knob2 Endown Adjusts the output level. Depth 0-100 Decay 1-30 Mix 0-100 Sets the depth of the modulation. Adjusts the duration of the reverb. Adjusts the amount of that is mixed with the modulation. Rate 1-50 Tone 0-10 PreD 1-100 Page03 Page03 Page03 Page03 Page03 Adjusts the output level. Adjusts the delay betworiginal sound and start of the modulation. Adjusts the tone. Adjusts the delay betworiginal sound and start of the modulation. Adjusts the tone. Adjusts the delay betworiginal sound and start of the modulation. Adjusts the tone.							
Tail OFF, ON Level 0-150 When ON, effect sound continues							
When ON, effect sound continues even after effect is turned off. When OFF, effect sound stops right when OFF, effect sound stops right when effect is turned off. ModReverb This reverb generates fluctuating echoes. Nob1 Nob2							
Page03 even after effect is turned off. When OFF, effect sound stops right when effect is turned off. Adjusts the output level. Adjust the output level. Adju							
Nob1 Knob2 Knob2							
Depth 0-100 Decay 1-30 Mix 0-100 Page01 Sets the depth of the modulation. Adjusts the duration of the reverb. Adjusts the amount of that is mixed with the reverb. Tone 0-10 PreD 1-100 Page02 Sets the speed of the modulation. Adjusts the tone. Adjusts the delay betwoen original sound and start of the reverb. Adjusts the duration of the reverb. Adjusts the amount of that is mixed with the reverb. Adjusts the duration of the reverb. Adjusts the amount of that is mixed with the reverb. Adjusts the duration of the reverb. Adjusts the amount of that is mixed with the reverb. Adjusts the duration of the reverb. Adjusts the amount of that is mixed with the reverb. The reverb and the reverb. Adjusts the duration of the reverb. Adjusts the amount of that is mixed with the reverb. The reverb and the reverb a							
Depth 0-100 Decay 1-30 Mix 0-100 Page01 Sets the depth of the modulation. Adjusts the duration of the reverb. Adjusts the amount of that is mixed with the reverb. Tone 0-10 PreD 1-100 Page02 Sets the speed of the modulation. Adjusts the tone. Adjusts the delay betwoen original sound and start of the reverb. Adjusts the duration of the reverb. Adjusts the amount of that is mixed with the reverb. Adjusts the duration of the reverb. Adjusts the amount of that is mixed with the reverb. Adjusts the duration of the reverb. Adjusts the amount of that is mixed with the reverb. Adjusts the duration of the reverb. Adjusts the amount of that is mixed with the reverb. The reverb and the reverb. Adjusts the duration of the reverb. Adjusts the amount of that is mixed with the reverb. The reverb and the reverb a							
Page01 Sets the depth of the modulation. Adjusts the duration of the reverb. Adjusts the amount of that is mixed with the Rate 1–50 Tone 0–10 PreD 1–100 Page02 Sets the speed of the modulation. Adjusts the tone. Adjusts the delay between the del							
Page02 Sets the speed of the modulation. Adjusts the tone. Adjusts the delay betworiginal sound and start of the modulation of the modulation. Adjusts the tone. Level 0–150 Tail OFF, ON When ON, effect sound continues even after effect is turned off When							
Sets the speed of the modulation. Adjusts the tone. Adjusts the delay betworiginal sound and start or original sound continues are start or original sound continues are after it is turned off. When one or							
When ON, effect sound continues	Adjusts the delay between input of the original sound and start of the reverb sound.						
Page 03 Page 0							
Adjusts the output level. OFF, effect sound stops right when effect is turned off.							
SlapBack This reverb creates a repeating echo effect.							
Knob1 Knob2 Knob5							
Time 1–1000 Decay 1–30 Mix 0–100							
Sets the delay time. Sets the duration of the reverberations, that is mixed with the	Adjusts the amount of effected sound that is mixed with the original sound.						
Reverb Page 02 P.B. U-100 Ione U-10 Dhadi U-100							
Adjusts the feedback amount. Adjusts the tone. Sets the ratio of delay	and reverb.						
Level 0-150 Tail OFF, ON							
Page03 Adjusts the output level. When ON, effect sound continues even after effect is turned off. When OFF, effect sound stops right when effect is turned off.							
Spring63 This spring reverb sound is modeled on a '63 Fender Reverb.	i						
★ Knob1 Knob2 Knob5							
MIXER 0-100 TONE 0-100							
Page01 Adjusts the amount of level that input to reverb. Adjusts the mix of volume the effect sound. Adjusts the tone.	Adjusts the tone.						
Page02 Level 0-150							
Adjusts the output level.							
Chamber This effect simulates the reverberations of a chamber-sized room.							
★ Knob1 Knob2 Knob							
Decay 0-100 Tone 0-100 Mix 0-100							
Page01 Sets the duration of the reverberations. Adjusts the tone. Adjusts the tone. Adjusts the amount sound that is mixed a sound.	t of effected						
PreD 0-200 Tail OFF/ON							
Page02 Adjusts the delay between input of the original sound and start of the reverb sound. When ON, effect sound continues even after effect is turned off. When OFF, effect sound stops right when effect is turned off.							

LOFI Rev	This rough in-your-face reverb is modeled on the LOFI setting of the tc electronic HALL OF FAME.										
*		Knob1		Knob2		Knob3					
	D 04	DECAY	0-100		TONE	0-100		FxLVL	0-100	\Box	
0.00	Page01	Sets the duration of the reverberations.		ons.	Adjusts the t	one.		Adjusts the v	Adjusts the volume of the effect.		
		PreD	SHORT/LONG	П	Tail	OFF/ON	Т	Dry	OFF/ON	Т	
LOFT TREVERS I	Page02				When ON, effect sound continues even after effect is turned off. The dry sound also continues to have the same tone as when the effect was on. When OFF, effect sound stops right when effect is turned off.			When ON, the original sound and the effect sound are mixed and output together. When OFF, only the effect			
Church	This eff	ect simula	ates the reverb	era	tions of a	church.					
*			Knob1			Knob2			Knob3		
		DECAY	0-100	П	PreD	0-200	Т	MIX	0-100	\top	
	Page01		tion of the reverberation	ons.	Adjusts the	delay between inp sound and start o			amount of effect mixed with the ori	cted iginal	
		TONE	0-100		HiDMP	0-100	Т	Tail	OFF/ON	\top	
CHURCH OOOOI	Page02	Adjusts the tone.			Adjusts high frequency damping in reverb sound.			When ON, effect sound continues even after effect is turned off. The dry sound also continues to have the same tone as when the effect was on. When OFF, effect sound stops right when effect is turned off.			
		Dry	OFF/ON								
	Page03	When ON, the original sound and the effect sound are mixed and output together. When OFF, only the effect sound is output.									
Cave	This eff	fect simulates the reverberations of a cave.									
*			Knob1		Knob2			Knob3			
		Decay	0-100		Tone	0-100	Т	Mix	0-100	Т	
CAVE	Page01	Sets the durat	tion of the reverberation	ons.	Adjusts the t	one.			amount of effer mixed with the ori		
		PreD	0-200		Tail	OFF/ON					
Pagel		Adjusts the delay between input of the original sound and start of the reverb sound.			When ON, effect sound continues even after effect is turned off. When OFF, effect sound stops right when effect is turned off.						
Ambience	This eff	fect adds a natural ambience (air) to the sound.									
A.			Knob1		Knob2				Knob3		
*	\vdash	DECAY	0-100		TONE	0-100	_	MIX	0-100		
• AMBIENGE •	Page01		tion of the reverberation	ons.	Adjusts the t			Adjusts the	amount of effer		
DECH! TIME MILE		PreD	0–200		Tail	OFF/ON	Τ	Dry	OFF/ON		
	Page02	Adjusts the delay between input of the original sound and start of the reverb sound.			When ON, effect sound continues even after effect is turned off. The dry sound also continues to have the same tone as when the effect was on. When OFF, effect sound stops right when effect is turned off.			When ON, the original sound and the effect sound are mixed and output together. When OFF, only the effect			
GateRev		te reverb, n) Gated s		percussive playing, is mo			deled on the DigiTech RV-7				
* K		Knob1		Knob2		Knob3					
		Level	0-100		Tone	0-100	Т	Decay	0-100	П	
LEVIEL TONE DECNY	Page01		ount of effect sor	und	Adjusts the t	,		Sets the durat	ion of the reverberat	tions.	
GIGATE REVERB F	Page02	even after ef	OFF/ON effect sound contin fect is turned off. W cound stops right w ed off.	hen	effect sound		utput				

ReverseRv	This effect, which is modeled on the DigiTech RV-7 (Lexicon) Reverse setting, sounds like reverb in reverse.										
*			Knob1			Knob2			Knob3		
		Level	0-100		Tone	0-100		Decay	0-100		
000	Page01	Adjusts amount of effect sound mixed with original sound.			Adjusts the t	one.		Sets the dura	tion of the reverbera	itions.	
REVERSE REVERB		Tail	OFF/ON		Dry	OFF/ON					
	Page02	When ON, effect sound continues even after effect is turned off. When OFF, effect sound stops right when effect is turned off.			When ON, the original sound and the effect sound are mixed and output together. When OFF, only the effect sound is output.						
Echo	This ef	ect can generate gorgeous echoes.									
<u> </u>		Knob1				Knob2			Knob3		
^		DECAY	0-100	П	TIME	0–200		TONE	0-100	Т	
	Page01		tion of the reverberati	ions.	Adjusts the	delay between inpu sound and start of					
DECHY TIME TONE		MIX	0-100		Tail	OFF/ON		Mode	MONO, STR		
	Page02	Adjusts the amount of effected sound that is mixed with the original sound.			even after eff sound also co tone as when	the effect was on. effect sound stops r	Sets output to mono or stereo (STR).				
TremoloRv		fect adds de SPACE.	tremolo to re	ver	b and is b	ased on the T	RE	MOLO VE	RB setting o	f an	
*			Knob1	,		Knob2			Knob3		
		Decay	0–100		PDLY	0-500		Mix	0-100		
INC. SHE	Page01	Sets the duration of the reverberations.			Adjusts the delay between input of the original sound and start of the reverb sound.			Adjusts the amount of effected sound that is mixed with the original sound.			
	Page02	Speed	1.0–20.0	٥	Shape	SINE, TRI, PEAK, RNDM, RAMP, SQR		Depth	MN0-MN99, ST0-ST99		
	1 49002	Sets modulation speed.			Sets the modulation waveform.			Sets the depth of modulation. Also sets whether the modulation is mono (MN0–99) or stereo (ST0–99) .			
	Page03	Size	0–100		Low	-100–100		High	-100–100		
	rugooo	Adjusts the s	ize of the reverb spa	ace.	Adjusts volur	me of low frequencie	s.	Adjusts volur	me of high frequen	cies.	
HolyFLERB		This effect combines reverb and flanger in a model of an Electro-Harmonix Holy Grail set to FLERB.								set	
*			Knob1			Knob2			Knob3		
		RVRB	0-100	П	Tail	OFF/ON				T	
HOLY/RUESTS	Page01		usts the amount of effected nd that is mixed with the original			When ON, effect sound continues even after effect is turned off. When OFF, effect sound stops right when effect is turned off.					
	Page02										
DynaRev			ch is modeled namics of the			ectronic NOVA	RE	VERB, cha	anges volume	ac-	
*			Knob1			Knob2			Knob3		
IECH PRED COLUR		Decay	0-100		PreD	0-100		Color	0–100		
	Page01	Sets the duration of the reverberations.			Adjusts the delay between input of the original sound and start of the reverb sound.						
DYNAMIC REVERB		Sense	-100– -1, OFF, 1–100		Mix	0–100		Tail	OFF/ON		
	Page02	Adjusts the s	ensitivity of the effe	ct.		e amount of effec mixed with the orig		even after ef	effect sound conti fect is turned off. \ sound stops right \ ed off.	When	

■ Table 1 CAB Parameter

Туре	Modeled cabinet and speakers
AG 8x10	Ampeg 810E simulation.
BM 4x12	Fender BASSMAN simulation.
HA 4x10	Hartke 4.5XL simulation.
AC 1x18	acoustic 301 simulation.
AL 4X10	Aguilar GS410 simulation.
MB 1x12	Markbass 12-inch combo amp cabinet simulation.
SWR 4x10	SWR GOLIATH simulation.
AG 1x15	AMPEG B-15 combo amp cabinet simulation.
PT 1x15	POLYTONE MINI BRUTE III combo amp cabinet simulation.
SB 4x12	MARSHALL 1935A simulation.
GK 4x10	GALLIEN KRUEGER 410RBH simulation.
E 4x10	EDEN D410XLT simulation.
OFF	No cabinet used.

■ Table 2 [Mode Parameter and Scale Parameter]



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