

# I Have Seen

Music: Michael Strand, lyrics: Neville Potter

## Part 2: Hope and Despair

### Verses 2–4

Duration 4:05

The first half of verse 4 is spoken.

### Lyrics verses 2–4

2. I've seen the eyes of a soul in pain,  
distraught by the wrath of fools;  
entrapped by aesthetic promises;  
laced with the stings of the cruel,  
wondering why he left his home  
to taste their bitter gruel.  
Hoping that someday, somehow,  
he'd overcome the tyrants' deadly rule.
3. I've seen the glow of a bright new star  
reflect in a stagnant pool;  
dimmed by the mindless bigotry  
dressed in the words of a fool.  
So adamant in her view on life  
that no one stemmed her fuel.  
Hoping that through trust and love  
could come to shine a better world renewed.
4. *I've seen the building of the pyramids,  
to hide the treasure rare.  
Entombment of the living flesh  
to serve the pharaoh's lair.  
Visitations in the night,  
creating a great despair.  
A million violations of a caring being  
and no one seemed to care,  
and no one seemed to care.*  
*\* The first half of verse 4 is spoken.*

### Instrumentation verses 2 & 3

<p>Vocals (2) Electric Bass Drums Grand Piano</p> <p><b>Woodwind</b></p> <ul style="list-style-type: none"><li>• Flutes</li><li>• Bassoon(s)</li></ul> <p><b>Brass</b></p> <ul style="list-style-type: none"><li>• Horn(s)</li><li>• Trumpet(s)</li><li>• Trombone(s)</li><li>• Tuba</li></ul>	<p><b>String Section</b></p> <ul style="list-style-type: none"><li>• 1. Violins</li><li>• 2. Violins</li><li>• Violas</li><li>• Cello</li><li>• Contrabass</li></ul> <p><b>Synthesizers</b></p> <ul style="list-style-type: none"><li>• Roland JX-8P / JX-10 / ML-VST PG-8X:<ul style="list-style-type: none"><li>○ Octave Fat</li><li>○ Poly Fat</li><li>○ Fat Freddy</li></ul></li></ul>
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## Instrumentation verse 4

<p>Vocals (2) Electric Bass Drum set</p> <p><b>Synthesizers</b></p> <ul style="list-style-type: none"><li>• Roland JX-8P/ML-VST PG-8X:<ul style="list-style-type: none"><li>○ Overtones</li><li>○ Steel Drums</li><li>○ Logdrum</li><li>○ Poly Brass 3</li><li>○ Wave Aura</li></ul></li><li>• Roland MKS-80:<ul style="list-style-type: none"><li>○ Slave drums</li></ul></li></ul>	<p><b>Virtual synthesizers (Slave Drums)</b></p> <ul style="list-style-type: none"><li>• UVI World Suite 2<ul style="list-style-type: none"><li>○ Taiko</li><li>○ African Large Drum</li></ul></li><li>• UVI Orchestral Suite<ul style="list-style-type: none"><li>○ Timpani</li></ul></li></ul> <p><b>Sound effects</b></p> <ul style="list-style-type: none"><li>• Heartbeat</li><li>• Slaves groaning</li></ul>
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## Roland synthesizer patches and parameters

See next pages.

# ROLAND JX-8P Tone Parameter / Patch-settings sheet

Settings for the Roland JX-8P and virtual MLVST PG-8X are identical.

Patch Name:

**Poly-Fat**

Tone Name:

**Poly-Fat**

Tone Parameter				
Parameter		Data Value		Own value
DCO 1	11	DCO 1 RANG	2', 4', 8', 16'	16'
	12	DCO 1 WF	Sawt, Puls, Squa, Nois	SAW
	13	DCO 1 TUNE	+12...0...-12	0
	14	DCO 1 LFO	99-0	0
	15	DCO 1 ENV	99-0	0
DCO 2	21	DCO 2 RANG	2', 4', 8', 16'	16'
	22	DCO 2 WF	Sawt, Puls, Squa, Nois	SAW
	23	DCO 2 XMOD	Xmod, Snc2, Snc1, Off	Off
	24	DCO 2 TUNE	+12...0...-12	0
	25	DCO 2 FTUNE	+50...-50	11
	26	DCO 2 LFO	99-0	4
	27	DCO 2 ENV	99-0	0
DCO MOD	31	DCO DYNA	3, 2, 1, Off	3
	32	DCO ENV MODE	$\cap_{-1}, U_{-1}, \cap_{-2}, U_{-2}$	$\cap_{-1}$
MIXER	41	MIX DCO 1	99-0	90
	42	MIX DCO 2	99-0	99
	43	MIX ENV	99-0	99
	44	MIX DYNA	3, 2, 1, Off	Off
	45	DCO2 MIX MODE	$\cap_{-1}, U_{-1}, \cap_{-2}, U_{-2}$	$\cap_{-1}$
VCF	51	HPF FREQ	3, 2, 1, Off	0
	52	VCF FREQ	99-0	42
	53	VCF RES	99-0	0
	54	VCF LFO	99-0	0
	55	VCF ENV	99-0	77
	56	VCF KEY	99-0	67
	57	VCF DYNA	3, 2, 1, Off	3
	58	VCF ENV MOD	$\cap_{-1}, U_{-1}, \cap_{-2}, U_{-2}$	$\cap_{-1}$
VCA CHORUS	61	VCA LEVEL	99-0	72
	62	VCA MODE	ENV2, GATE	ENV2
	63	VCA DYNA	3, 2, 1, Off	1
	64	CHORUS	2, 1, Off	1
LFO	71	LFO WF	Sine, Squa, Random	SINE
	72	LFO DELAY	99-0	81
	73	LFO RATE	99-0	77
	74	BEND DEPTH	99-0	16
ENV 1	81	ENV 1 ATT	99-0	28
	82	ENV 1 DECY	99-0	77
	83	ENV 1 SUS	99-0	0
	84	ENV 1 REL	99-0	32
	85	ENV 1 KEY	3, 2, 1, Off	1
ENV 2	91	ENV 2 ATT	99-0	17
	92	ENV 2 DECY	99-0	51
	93	ENV 2 SUS	99-0	88
	94	ENV 2 REL	99-0	43
	95	ENV 2 KEY	3, 2, 1, Off	1

MIDI Function Settings		
11	CHANNEL	
12	PROGRAM CHANGE	
13	AFTER TOUCH	
14	PITCH BEND	
15	MOD. WHEEL	
16	PORTAMENTO	
17	HOLD	
18	VOLUME	
21	POLY OMNI	
22	MODE SENS	
23	DYNAMICS	
24	LOCAL	
25	ACTI SENSE	
26	System Exclusive	

# ROLAND JX-8P Tone Parameter / Patch-settings sheet

Settings for the Roland JX-8P and virtual MLVST PG-8X are identical.

Patch Name:

**Octave Fat**

Tone Name:

**Octave Fat**

Tone Parameter				
Parameter		Data Value		Own value
DCO 1	11	DCO 1 RANG	2', 4', 8', 16'	16'
	12	DCO 1 WF	Sawt, Puls, Squa, Nois	SAW
	13	DCO 1 TUNE	+12...0...-12	-12
	14	DCO 1 LFO	99-0	0
	15	DCO 1 ENV	99-0	0
DCO 2	21	DCO 2 RANG	2', 4', 8', 16'	16'
	22	DCO 2 WF	Sawt, Puls, Squa, Nois	SAW
	23	DCO 2 XMOD	Xmod, Snc2, Snc1, Off	Off
	24	DCO 2 TUNE	+12...0...-12	0
	25	DCO 2 FTUNE	+50...-50	11
	26	DCO 2 LFO	99-0	4
	27	DCO 2 ENV	99-0	0
DCO MOD	31	DCO DYNA	3, 2, 1, Off	3
	32	DCO ENV MODE	$\cap_{-1}, U_{-1}, \cap_{-2}, U_{-2}$	$\cap_{-1}$
MIXER	41	MIX DCO 1	99-0	90
	42	MIX DCO 2	99-0	99
	43	MIX ENV	99-0	99
	44	MIX DYNA	3, 2, 1, Off	Off
	45	DCO2 MIX MODE	$\cap_{-1}, U_{-1}, \cap_{-2}, U_{-2}$	$\cap_{-1}$
VCF	51	HPF FREQ	3, 2, 1, Off	0
	52	VCF FREQ	99-0	42
	53	VCF RES	99-0	0
	54	VCF LFO	99-0	0
	55	VCF ENV	99-0	77
	56	VCF KEY	99-0	67
	57	VCF DYNA	3, 2, 1, Off	3
	58	VCF ENV MOD	$\cap_{-1}, U_{-1}, \cap_{-2}, U_{-2}$	$\cap_{-1}$
VCA CHORUS	61	VCA LEVEL	99-0	69
	62	VCA MODE	ENV2, GATE	ENV2
	63	VCA DYNA	3, 2, 1, Off	1
	64	CHORUS	2, 1, Off	1
LFO	71	LFO WF	Sine, Squa, Random	SINE
	72	LFO DELAY	99-0	81
	73	LFO RATE	99-0	77
	74	BEND DEPTH	99-0	17
ENV 1	81	ENV 1 ATT	99-0	28
	82	ENV 1 DECY	99-0	77
	83	ENV 1 SUS	99-0	0
	84	ENV 1 REL	99-0	32
	85	ENV 1 KEY	3, 2, 1, Off	1
ENV 2	91	ENV 2 ATT	99-0	17
	92	ENV 2 DECY	99-0	51
	93	ENV 2 SUS	99-0	88
	94	ENV 2 REL	99-0	43
	95	ENV 2 KEY	3, 2, 1, Off	1

MIDI Function Settings		
11	CHANNEL	
12	PROGRAM CHANGE	
13	AFTER TOUCH	
14	PITCH BEND	
15	MOD. WHEEL	
16	PORTAMENTO	
17	HOLD	
18	VOLUME	
21	POLY OMNI	
22	MODE SENS	
23	DYNAMICS	
24	LOCAL	
25	ACTI SENSE	
26	System Exclusive	

# ROLAND JX-8P Tone Parameter / Patch-settings sheet

Settings for the Roland JX-8P and virtual MLVST PG-8X are identical.

Patch Name:

**Fat Freddy**

Tone Name:

**Fat Freddy**

Tone Parameter				
Parameter		Data Value		Own value
DCO 1	11	DCO 1 RANG	2', 4', 8', 16'	16'
	12	DCO 1 WF	Sawt, Puls, Squa, Nois	SQUARE
	13	DCO 1 TUNE	+12...0...-12	0
	14	DCO 1 LFO	99-0	0
	15	DCO 1 ENV	99-0	0
DCO 2	21	DCO 2 RANG	2', 4', 8', 16'	16'
	22	DCO 2 WF	Sawt, Puls, Squa, Nois	SAW
	23	DCO 2 XMOD	Xmod, Snc2, Snc1, Off	Off
	24	DCO 2 TUNE	+12...0...-12	12
	25	DCO 2 FTUNE	+50...-50	0
	26	DCO 2 LFO	99-0	2
	27	DCO 2 ENV	99-0	0
DCO MOD	31	DCO DYNA	3, 2, 1, Off	3
	32	DCO ENV MODE	$\cap_{-1}, U_{-1}, \cap_{-2}, U_{-2}$	$\cap_{-1}$
MIXER	41	MIX DCO 1	99-0	90
	42	MIX DCO 2	99-0	99
	43	MIX ENV	99-0	99
	44	MIX DYNA	3, 2, 1, Off	Off
	45	DCO2 MIX MODE	$\cap_{-1}, U_{-1}, \cap_{-2}, U_{-2}$	$\cap_{-1}$
VCF	51	HPF FREQ	3, 2, 1, Off	Off
	52	VCF FREQ	99-0	35
	53	VCF RES	99-0	0
	54	VCF LFO	99-0	0
	55	VCF ENV	99-0	77
	56	VCF KEY	99-0	69
	57	VCF DYNA	3, 2, 1, Off	3
	58	VCF ENV MOD	$\cap_{-1}, U_{-1}, \cap_{-2}, U_{-2}$	$\cap_{-1}$
VCA CHORUS	61	VCA LEVEL	99-0	60
	62	VCA MODE	ENV2, GATE	ENV2
	63	VCA DYNA	3, 2, 1, Off	Off
	64	CHORUS	2, 1, Off	1
LFO	71	LFO WF	Sine, Squa, Random	SINE
	72	LFO DELAY	99-0	81
	73	LFO RATE	99-0	77
	74	BEND DEPTH	99-0	17
ENV 1	81	ENV 1 ATT	99-0	28
	82	ENV 1 DECY	99-0	77
	83	ENV 1 SUS	99-0	0
	84	ENV 1 REL	99-0	32
	85	ENV 1 KEY	3, 2, 1, Off	1
ENV 2	91	ENV 2 ATT	99-0	17
	92	ENV 2 DECY	99-0	51
	93	ENV 2 SUS	99-0	88
	94	ENV 2 REL	99-0	43
	95	ENV 2 KEY	3, 2, 1, Off	1

MIDI Function Settings		
11	CHANNEL	
12	PROGRAM CHANGE	
13	AFTER TOUCH	
14	PITCH BEND	
15	MOD. WHEEL	
16	PORTAMENTO	
17	HOLD	
18	VOLUME	
21	POLY OMNI	
22	MODE SENS	
23	DYNAMICS	
24	LOCAL	
25	ACTI SENSE	
26	System Exclusive	

# ROLAND JX-8P Tone Parameter / Patch-settings sheet

Settings for the Roland JX-8P and virtual MLVST PG-8X are identical.

Patch Name:

**Overtones**

Tone Name:

**Overtones**

Tone Parameter				
Parameter		Data Value		Own value
DCO 1	11	DCO 1 RANG	2', 4', 8', 16'	8'
	12	DCO 1 WF	Sawt, Puls, Squa, Nois	SAW
	13	DCO 1 TUNE	+12...0...-12	0
	14	DCO 1 LFO	99-0	0
	15	DCO 1 ENV	99-0	0
DCO 2	21	DCO 2 RANG	2', 4', 8', 16'	4'
	22	DCO 2 WF	Sawt, Puls, Squa, Nois	SAW
	23	DCO 2 XMOD	Xmod, Snc2, Snc1, Off	Off
	24	DCO 2 TUNE	+12...0...-12	7
	25	DCO 2 FTUNE	+50...-50	4
	26	DCO 2 LFO	99-0	5
	27	DCO 2 ENV	99-0	0
DCO MOD	31	DCO DYNA	3, 2, 1, Off	Off
	32	DCO ENV MODE	$\cap_{-1}, U_{-1}, \cap_{-2}, U_{-2}$	$\cap_{-1}$
MIXER	41	MIX DCO 1	99-0	35
	42	MIX DCO 2	99-0	99
	43	MIX ENV	99-0	98
	44	MIX DYNA	3, 2, 1, Off	1
	45	DCO2 MIX MODE	$\cap_{-1}, U_{-1}, \cap_{-2}, U_{-2}$	$U_{-1}$
VCF	51	HPF FREQ	3, 2, 1, Off	0
	52	VCF FREQ	99-0	25
	53	VCF RES	99-0	17
	54	VCF LFO	99-0	0
	55	VCF ENV	99-0	40
	56	VCF KEY	99-0	81
	57	VCF DYNA	3, 2, 1, Off	1
	58	VCF ENV MOD	$\cap_{-1}, U_{-1}, \cap_{-2}, U_{-2}$	$\cap_{-1}$
VCA CHORUS	61	VCA LEVEL	99-0	99
	62	VCA MODE	ENV2, GATE	ENV2
	63	VCA DYNA	3, 2, 1, Off	1
	64	CHORUS	2, 1, Off	1
LFO	71	LFO WF	Sine, Squa, Random	SINE
	72	LFO DELAY	99-0	58
	73	LFO RATE	99-0	77
	74	BEND DEPTH	99-0	16
ENV 1	81	ENV 1 ATT	99-0	0
	82	ENV 1 DECY	99-0	73
	83	ENV 1 SUS	99-0	31
	84	ENV 1 REL	99-0	82
	85	ENV 1 KEY	3, 2, 1, Off	Off
ENV 2	91	ENV 2 ATT	99-0	71
	92	ENV 2 DECY	99-0	99
	93	ENV 2 SUS	99-0	40
	94	ENV 2 REL	99-0	50
	95	ENV 2 KEY	3, 2, 1, Off	Off

MIDI Function Settings		
11	CHANNEL	
12	PROGRAM CHANGE	
13	AFTER TOUCH	
14	PITCH BEND	
15	MOD. WHEEL	
16	PORTAMENTO	
17	HOLD	
18	VOLUME	
21	POLY OMNI	
22	MODE SENS	
23	DYNAMICS	
24	LOCAL	
25	ACTI SENSE	
26	System Exclusive	

# ROLAND JX-8P Tone Parameter / Patch-settings sheet

Settings for the Roland JX-8P and virtual MLVST PG-8X are identical.

Patch Name:

**Steeldrums**

Tone Name:

**Steeldrums**

Tone Parameter				
Parameter		Data Value		Own value
DCO 1	11	DCO 1 RANG	2', 4', 8', 16'	16'
	12	DCO 1 WF	Sawt, Puls, Squa, Nois	SAW
	13	DCO 1 TUNE	+12...0...-12	0
	14	DCO 1 LFO	99-0	0
	15	DCO 1 ENV	99-0	0
DCO 2	21	DCO 2 RANG	2', 4', 8', 16'	8'
	22	DCO 2 WF	Sawt, Puls, Squa, Nois	SAW
	23	DCO 2 XMOD	Xmod, Snc2, Snc1, Off	Off
	24	DCO 2 TUNE	+12...0...-12	12
	25	DCO 2 FTUNE	+50...-50	-28
	26	DCO 2 LFO	99-0	0
	27	DCO 2 ENV	99-0	3
DCO MOD	31	DCO DYNA	3, 2, 1, Off	Off
	32	DCO ENV MODE	$\cap_{-1}, U_{-1}, \cap_{-2}, U_{-2}$	$\cap_{-1}$
MIXER	41	MIX DCO 1	99-0	88
	42	MIX DCO 2	99-0	60
	43	MIX ENV	99-0	74
	44	MIX DYNA	3, 2, 1, Off	2
	45	DCO2 MIX MODE	$\cap_{-1}, U_{-1}, \cap_{-2}, U_{-2}$	$\cap_{-1}$
VCF	51	HPF FREQ	3, 2, 1, Off	0
	52	VCF FREQ	99-0	36
	53	VCF RES	99-0	24
	54	VCF LFO	99-0	0
	55	VCF ENV	99-0	30
	56	VCF KEY	99-0	47
	57	VCF DYNA	3, 2, 1, Off	1
	58	VCF ENV MOD	$\cap_{-1}, U_{-1}, \cap_{-2}, U_{-2}$	$\cap_{-2}$
VCA CHORUS	61	VCA LEVEL	99-0	79
	62	VCA MODE	ENV2, GATE	ENV2
	63	VCA DYNA	3, 2, 1, Off	2
	64	CHORUS	2, 1, Off	1
LFO	71	LFO WF	Sine, Squa, Random	SINE
	72	LFO DELAY	99-0	0
	73	LFO RATE	99-0	78
	74	BEND DEPTH	99-0	17
ENV 1	81	ENV 1 ATT	99-0	33
	82	ENV 1 DECY	99-0	36
	83	ENV 1 SUS	99-0	67
	84	ENV 1 REL	99-0	60
	85	ENV 1 KEY	3, 2, 1, Off	Off
ENV 2	91	ENV 2 ATT	99-0	6
	92	ENV 2 DECY	99-0	50
	93	ENV 2 SUS	99-0	0
	94	ENV 2 REL	99-0	46
	95	ENV 2 KEY	3, 2, 1, Off	1

MIDI Function Settings		
11	CHANNEL	
12	PROGRAM CHANGE	
13	AFTER TOUCH	
14	PITCH BEND	
15	MOD. WHEEL	
16	PORTAMENTO	
17	HOLD	
18	VOLUME	
21	POLY OMNI	
22	MODE SENS	
23	DYNAMICS	
24	LOCAL	
25	ACTI SENSE	
26	System Exclusive	

# ROLAND JX-8P Tone Parameter / Patch-settings sheet

Settings for the Roland JX-8P and virtual MLVST PG-8X are identical.

Patch Name:

**Logdrum**

Tone Name:

**Logdrum**

Tone Parameter				
Parameter		Data Value		Own value
DCO 1	11	DCO 1 RANG	2', 4', 8', 16'	16'
	12	DCO 1 WF	Sawt, Puls, Squa, Nois	Square
	13	DCO 1 TUNE	+12...0...-12	-12
	14	DCO 1 LFO	99-0	0
	15	DCO 1 ENV	99-0	3
DCO 2	21	DCO 2 RANG	2', 4', 8', 16'	16'
	22	DCO 2 WF	Sawt, Puls, Squa, Nois	Square
	23	DCO 2 XMOD	Xmod, Snc2, Snc1, Off	OFF
	24	DCO 2 TUNE	+12...0...-12	-5
	25	DCO 2 FTUNE	+50...-50	5
	26	DCO 2 LFO	99-0	0
	27	DCO 2 ENV	99-0	2
DCO MOD	31	DCO DYNA	3, 2, 1, Off	3
	32	DCO ENV MODE	$\cap_{-1}, U_{-1}, \cap_{-2}, U_{-2}$	$U_{-2}$
MIXER	41	MIX DCO 1	99-0	95
	42	MIX DCO 2	99-0	99
	43	MIX ENV	99-0	99
	44	MIX DYNA	3, 2, 1, Off	2
	45	DCO2 MIX MODE	$\cap_{-1}, U_{-1}, \cap_{-2}, U_{-2}$	$\cap_{-1}$
VCF	51	HPF FREQ	3, 2, 1, Off	0
	52	VCF FREQ	99-0	14
	53	VCF RES	99-0	0
	54	VCF LFO	99-0	0
	55	VCF ENV	99-0	63
	56	VCF KEY	99-0	64
	57	VCF DYNA	3, 2, 1, Off	1
	58	VCF ENV MOD	$\cap_{-1}, U_{-1}, \cap_{-2}, U_{-2}$	$\cap_{-1}$
VCA CHORUS	61	VCA LEVEL	99-0	99
	62	VCA MODE	ENV2, GATE	ENV2
	63	VCA DYNA	3, 2, 1, Off	1
	64	CHORUS	2, 1, Off	OFF
LFO	71	LFO WF	Sine, Squa, Random	SINE
	72	LFO DELAY	99-0	0
	73	LFO RATE	99-0	80
	74	BEND DEPTH	99-0	99
ENV 1	81	ENV 1 ATT	99-0	0
	82	ENV 1 DECY	99-0	0
	83	ENV 1 SUS	99-0	48
	84	ENV 1 REL	99-0	58
	85	ENV 1 KEY	3, 2, 1, Off	1
ENV 2	91	ENV 2 ATT	99-0	0
	92	ENV 2 DECY	99-0	39
	93	ENV 2 SUS	99-0	0
	94	ENV 2 REL	99-0	41
	95	ENV 2 KEY	3, 2, 1, Off	1

MIDI Function Settings		
11	CHANNEL	
12	PROGRAM CHANGE	
13	AFTER TOUCH	
14	PITCH BEND	
15	MOD. WHEEL	
16	PORTAMENTO	
17	HOLD	
18	VOLUME	
21	POLY OMNI	
22	MODE SENS	
23	DYNAMICS	
24	LOCAL	
25	ACTI SENSE	
26	System Exclusive	



# ROLAND JX-8P Tone Parameter / Patch-settings sheet

Patch Name:

**Polybrass 3**

Tone Name:

Settings for the Roland JX-8P and virtual MLVST PG-8X are identical.

**Polybrass 3**

Tone Parameter				
Parameter		Data Value		Own value
DCO 1	11	DCO 1 RANG	2', 4', 8', 16'	16'
	12	DCO 1 WF	Sawt, Puls, Squa, Nois	SAW
	13	DCO 1 TUNE	+12...0...-12	0
	14	DCO 1 LFO	99-0	2
	15	DCO 1 ENV	99-0	0
DCO 2	21	DCO 2 RANG	2', 4', 8', 16'	16'
	22	DCO 2 WF	Sawt, Puls, Squa, Nois	SAW
	23	DCO 2 XMOD	Xmod, Snc2, Snc1, Off	Off
	24	DCO 2 TUNE	+12...0...-12	0
	25	DCO 2 FTUNE	+50...-50	-2
	26	DCO 2 LFO	99-0	0
	27	DCO 2 ENV	99-0	1
DCO MOD	31	DCO DYNA	3, 2, 1, Off	Off
	32	DCO ENV MODE	$\cap_{-1}, U_{-1}, \cap_{-2}, U_{-2}$	$U_{-1}$
MIXER	41	MIX DCO 1	99-0	99
	42	MIX DCO 2	99-0	99
	43	MIX ENV	99-0	99
	44	MIX DYNA	3, 2, 1, Off	2
	45	DCO2 MIX MODE	$\cap_{-1}, U_{-1}, \cap_{-2}, U_{-2}$	$\cap_{-1}$
VCF	51	HPF FREQ	3, 2, 1, Off	Off
	52	VCF FREQ	99-0	20
	53	VCF RES	99-0	2
	54	VCF LFO	99-0	0
	55	VCF ENV	99-0	67
	56	VCF KEY	99-0	74
	57	VCF DYNA	3, 2, 1, Off	2
	58	VCF ENV MOD	$\cap_{-1}, U_{-1}, \cap_{-2}, U_{-2}$	$\cap_{-1}$
VCA CHORUS	61	VCA LEVEL	99-0	81
	62	VCA MODE	ENV2, GATE	ENV2
	63	VCA DYNA	3, 2, 1, Off	1
	64	CHORUS	2, 1, Off	1
LFO	71	LFO WF	Sine, Squa, Random	SINE
	72	LFO DELAY	99-0	75
	73	LFO RATE	99-0	78
	74	BEND DEPTH	99-0	17
ENV 1	81	ENV 1 ATT	99-0	17
	82	ENV 1 DECY	99-0	52
	83	ENV 1 SUS	99-0	36
	84	ENV 1 REL	99-0	33
	85	ENV 1 KEY	3, 2, 1, Off	1
ENV 2	91	ENV 2 ATT	99-0	18
	92	ENV 2 DECY	99-0	98
	93	ENV 2 SUS	99-0	99
	94	ENV 2 REL	99-0	33
	95	ENV 2 KEY	3, 2, 1, Off	1

MIDI Function Settings		
11	CHANNEL	
12	PROGRAM CHANGE	
13	AFTER TOUCH	
14	PITCH BEND	
15	MOD. WHEEL	
16	PORTAMENTO	
17	HOLD	
18	VOLUME	
21	POLY OMNI	
22	MODE SENS	
23	DYNAMICS	
24	LOCAL	
25	ACTI SENSE	
26	System Exclusive	

# ROLAND JX-8P Tone Parameter / Patch-settings sheet

Patch Name:

**Waveaura**

Tone Name:












Settings for the Roland JX-8P and virtual MLVST PG-8X are identical.





**Waveaura**

Tone Parameter				
Parameter		Data Value		Own value
DCO 1	11	DCO 1 RANG	2', 4', 8', 16'	8'
	12	DCO 1 WF	Sawt, Puls, Squa, Nois	<b>SQUARE</b>
	13	DCO 1 TUNE	+12...0...-12	<b>-12</b>
	14	DCO 1 LFO	99-0	<b>2</b>
	15	DCO 1 ENV	99-0	<b>0</b>
DCO 2	21	DCO 2 RANG	2', 4', 8', 16'	8'
	22	DCO 2 WF	Sawt, Puls, Squa, Nois	<b>SQUARE</b>
	23	DCO 2 XMOD	Xmod, Snc2, Snc1, Off	<b>XMOD</b>
	24	DCO 2 TUNE	+12...0...-12	<b>-12</b>
	25	DCO 2 FTUNE	+50...-50	<b>-11</b>
	26	DCO 2 LFO	99-0	<b>0</b>
	27	DCO 2 ENV	99-0	<b>9</b>
DCO MOD	31	DCO DYNA	3, 2, 1, Off	<b>3</b>
	32	DCO ENV MODE	$\cap_{-1}, U_{-1}, \cap_{-2}, U_{-2}$	$U_{-1}$
MIXER	41	MIX DCO 1	99-0	<b>99</b>
	42	MIX DCO 2	99-0	<b>99</b>
	43	MIX ENV	99-0	<b>0</b>
	44	MIX DYNA	3, 2, 1, Off	<b>2</b>
	45	DCO2 MIX MODE	$\cap_{-1}, U_{-1}, \cap_{-2}, U_{-2}$	$\cap_{-1}$
VCF	51	HPF FREQ	3, 2, 1, Off	<b>0</b>
	52	VCF FREQ	99-0	<b>43</b>
	53	VCF RES	99-0	<b>77</b>
	54	VCF LFO	99-0	<b>3</b>
	55	VCF ENV	99-0	<b>0</b>
	56	VCF KEY	99-0	<b>81</b>
	57	VCF DYNA	3, 2, 1, Off	<b>1</b>
	58	VCF ENV MOD	$\cap_{-1}, U_{-1}, \cap_{-2}, U_{-2}$	$\cap_{-2}$
VCA CHORUS	61	VCA LEVEL	99-0	<b>70</b>
	62	VCA MODE	ENV2, GATE	<b>ENV2</b>
	63	VCA DYNA	3, 2, 1, Off	<b>2</b>
	64	CHORUS	2, 1, Off	<b>1</b>
LFO	71	LFO WF	Sine, Squa, Random	<b>SINE</b>
	72	LFO DELAY	99-0	<b>50</b>
	73	LFO RATE	99-0	<b>52</b>
	74	BEND DEPTH	99-0	<b>17</b>
ENV 1	81	ENV 1 ATT	99-0	<b>0</b>
	82	ENV 1 DECY	99-0	<b>39</b>
	83	ENV 1 SUS	99-0	<b>0</b>
	84	ENV 1 REL	99-0	<b>54</b>
	85	ENV 1 KEY	3, 2, 1, Off	<b>Off</b>
ENV 2	91	ENV 2 ATT	99-0	<b>6</b>
	92	ENV 2 DECY	99-0	<b>0</b>
	93	ENV 2 SUS	99-0	<b>99</b>
	94	ENV 2 REL	99-0	<b>45</b>
	95	ENV 2 KEY	3, 2, 1, Off	<b>Off</b>

MIDI Function Settings		
11	CHANNEL	
12	PROGRAM CHANGE	
13	AFTER TOUCH	
14	PITCH BEND	
15	MOD. WHEEL	
16	PORTAMENTO	
17	HOLD	
18	VOLUME	
21	POLY OMNI	
22	MODE SENS	
23	DYNAMICS	
24	LOCAL	
25	ACTI SENSE	
26	System Exclusive	

**MKS-80 Parameter Tables – Tones and Patches – Tone Section: SLAVE DRUMS**

Parameter			Value		Own values			
Area: (B/I) – Patch: 45 – Mode: Dual – Upper: 46 LOG DRUMS IHS – Lower: 44 TOMS								
No	Display		Display		Upper	Lower		
2	LFO RATE	LF0-1 Rate	0–100		73	77		
3	LFO DLY	LF0-1 Delay Time	0–100		0	0		
4	LFO WF	LF0-1 Waveform		Triangle Wave		Squa		
				Sawtooth Wave				Tri.
				Square Wave				
			RND	Random				
5	VCO LFO	VCO Modulation LF0-1 Depth	0–100		0	0		
6	VCO ENV	VCO Modulation ENV-1 Depth	0–100		0	80		
7	PW	Pulse Width	0–100		0	0		
8	PWM	Pulse Width Modulation	0–100		0	0		
9	PWM SEL	PWM Mode Selector	ENV	ENV-1	ENV	ENV		
			LFO	LF0-1				
			KBD	Keyboard				
10	PWM POL	PWM Polarity	NRM	Normal	NRM	NRM		
			INV	Invert				
11	VCO KYBD	VCO Key Follow	0–100		0	0		
12	VCO SEL	VCO Selector (Key Follow)	1	VCO 1	OFF	OFF		
			OFF	OFF				
			2	VCO 2				
13	XMOD MAN	Cross Modulation Manual Depth	0–100		0	0		
14	XMOD ENV	X-MOD ENV-1 Depth	0–100		0	100		
15	XMOD POL	X-MOD Polarity	NRM	Normal	NRM	NRM		
			INV	Invert				
16	VC01 MOD	VC0-1 Modulation	NRM	Normal	OFF	NRM		
			OFF	OFF				
			INV	Invert				
17	VC01 RNG	VC0-1 Range	32C–2C	32'C–2'C	8'C	32'C		
18	VC01 WF	VC0-1 Waveform		Triangle		Squa		
				Sawtooth Wave				Tri.
				Pulse Wave				
				Square Wave				
19	VCO SYNC	VCO Synchro	1→2	VCO 1 → VCO 2	OFF	1 ← 2		
			OFF	OFF				
			1 ← 2	VCO 1 ← VCO 2				
20	VC02 MOD	VC0-2 Modulation	NRM	Normal	OFF	NRM		
			OFF	OFF				
			INV	Invert				

21	VCO2 RNG	VCO-2 Range	LOW	Low Frequency	8°C	16°C
			32C-2C	32'C-2'C		
			HI	High Frequency		
22	VCO2 TUN	VCO-2 Fine Tune	0-100		25	50
23	VCO2 WF	VCO-2 Waveform		Triangle Wave		NIS
				Sawtooth Wave		
				Pulse Wave		
			NIS	Noise		
24	MIXER	Source Mix	0-100		27	45
25	HPF FREQ	High Pass Filter Cutoff Frequency	0-100		0	0
26	VCF FREQ	VCF Cutoff Frequency	0-100		25	46
27	VCF RESO	VCF Resonance	0-100		0	0
28	VCF ENV	VCF Envelope Selector	EG1	ENV-1	EG1	EG1
			EG2	ENV-2		
29	VCF ENV	VCF Envelope Polarity	NRM	Normal	NRM	NRM
			INV	Invert		
30	VCF ENV	VCF Modulation ENV Depth	0-100		36	33
31	VCF LFO	VCF Modulation LFO-1 Depth	0-100		0	0
32	VCF KYBD	VCF Key Follow	0-100		25	0
33	VCA LEVL	VCA ENV-2 Level	0-100		88	100
34	VCA LFO	VCA Modulation LFO-1 Depth	0-100		0	0
35	DYN TIME	Dynamics Time	0-100		0	0
36	DYN LEVL	Dynamics Level	0-100		79	77
37	EG RESET	Envelope Reset	ON		OFF	OFF
			OFF			
38	EG1 DYN	ENV-1 Dynamics	ON		ON	OFF
			OFF			
39	EG1 A	ENV-1 Attack Time	0-100		0	0
40	EG1 D	ENV-1 Decay Time	0-100		40	50
41	EG1 S	ENV-1 Sustain Level	0-100		0	0
42	EG1 R	ENV-1 Release Time	0-100		55	49
43	EG1 KYBD	ENV-1 Key Follow	0-100		0	14
44	EG2 DYN	ENV-2 Dynamics	ON		ON	ON
			OFF			
45	EG2 A	ENV-2 Attack Time	0-100		0	0
46	EG2 D	ENV-2 Decay Time	0-100		45	45
47	EG2 S	ENV-2 Sustain Level	0-100		0	0
48	EG2 R	ENV-2 Release Time	0-100		44	42
49	EG2 KYBD	ENV-2 Key Follow	0-100		23	24

## MKS-80 Parameter Tables – Tones and Patches – Patch Section

### SLAVE DRUMS – UPPER and LOWER

Parameter			Value		Own upper	Own lower
No	Display		Display			
51	MODE	Key Mode	WHOL	Whole	DUAL	DUAL
			SPL2	Split 2		
			SPL1	Split 1		
			DUAL	Dual		
52	S. POINT	Split Point	A0–C8		C4	C4
53	BALANCE	Balance	0–100		70	70
	TONE	Tone Number	11–88		46	44
54	OCTAVE	Octave Shift	-2	2 OCT Down	-2	NRM
			-1	1 OCT Down		
			NORM	Normal		
			+1	1 OCT Up		
			+2	2 OCT Up		
55	ASSIGN	Assign Mode	SOLO		PLY1	PLY1
			UNI 1	Unison 1		
			UNI 2	Unison2		
			PLY 1	Poly 1		
			PLY 2	Poly 2		
56	DETUNE	Unison Detune	0–100		10	0
57	HOLD	Hold	MIDI		MIDI	MIDI
			ON			
			OFF			
58	GLIDE	Glide	0–100		0	0
59	BENDER	Bender Sensitivity	0–100		18	16
60	VCO-1	VCO-1 Bend	WIDE		NRM	NRM
			NORM	Normal		
			OFF			
61	VCO-2	VCO-2 Bend	WIDE		NRM	NRM
			NORM	Normal		
			OFF			
62	TOUCH	After Touch Sensitivity	0–100		50	50
63	SELECT	After Touch Mode Selector	VCO	VCO LFO-2 MOD	VCO	VCO
			VCF	VCF FREQ		
64	RATE	LFO-2 Rate	0–100		55	58