

Omnisphere 2

MIDI Commander Template Guide



FOR ABLETON MOVE

Spectrasonics Omnisphere 2 (Rev 3 reconciled) – Dual-layer (A+B) sound design via MIDI Learn. 15 pages × 8 encoders covering oscillators, envelopes, filters, LFOs 1-4, FM/Ring/Waveshaper, Harmonia, Unison/Granular, Mod Matrix, FX Inserts 1-4, Arp & Master FX, plus globals. One-time MIDI Learn setup required (see manual).

Default MIDI channel: 1.

Device parameters at load

Param	Value
root_note	C
scale	chromatic
layout	fourths
pad_mode	chromatic
drum_base	36
pad_color	purple
velocity_curve	fixed

Pages overview

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Page details

Page 1 — A Osc + MF

Channel 1.

Encoder	Label	Full Name	Output	Notes
1	SHP	Shape	CC 2	default 0
2	SYM	Symmetry	CC 3	default 0
3	SYN	HrdSync	CC 4	default 0
4	ANA	Analog	CC 5	default 64
5	LVL	OscLevel	CC 7	default 96
6	PAN	OscPan	CC 8	default 64
7	MCT	MstrCut	CC 9	default 127
8	MRS	MstrRes	CC 10	default 0

Page 2 — B Osc + Gain

Channel 1.

Encoder	Label	Full Name	Output	Notes
1	SHP	B Shape	CC 98	default 0
2	SYM	B Symm	CC 12	default 0
3	SYN	B Sync	CC 13	default 0
4	ANA	B Analog	CC 14	default 64
5	LVL	B Level	CC 15	default 96
6	PAN	B Pan	CC 16	default 64
7	BGN	B Gain	CC 17	default 96
8	BVR	B Var	CC 18	default 64

Page 3 — A Envelopes

Channel 1.

Encoder	Label	Full Name	Output	Notes
1	ATK	AmpAtk	CC 19	default 0

Encoder	Label	Full Name	Output	Notes
2	DEC	AmpDec	CC 20	default 64
3	SUS	AmpSus	CC 21	default 127
4	REL	AmpRel	CC 22	default 25
5	ATK	FltAtk	CC 23	default 0
6	DEC	FltDec	CC 24	default 64
7	SUS	FltSus	CC 25	default 15
8	REL	FltRel	CC 26	default 64

Page 4 – B Envelopes

Channel 1.

Encoder	Label	Full Name	Output	Notes
1	ATK	B AmpAt	CC 27	default 0
2	DEC	B AmpDc	CC 28	default 64
3	SUS	B AmpSu	CC 29	default 127
4	REL	B AmpRI	CC 30	default 25
5	ATK	B FltAt	CC 31	default 0
6	DEC	B FltDc	CC 33	default 64
7	SUS	B FltSu	CC 34	default 15
8	REL	B FltRI	CC 35	default 64

Page 5 – Filters A+B

Channel 1.

Encoder	Label	Full Name	Output	Notes
1	CUT	A Cut	CC 36	default 15
2	RES	A Res	CC 37	default 0
3	KEY	A Key	CC 39	default 64
4	ENV	A Env	CC 40	default 127
5	CUT	B Cut	CC 41	default 15
6	RES	B Res	CC 42	default 0
7	KEY	B Key	CC 43	default 64

Encoder	Label	Full Name	Output	Notes
8	ENV	B Env	CC 44	default 127

Page 6 — LFO 1-2

Channel 1.

Encoder	Label	Full Name	Output	Notes
1	RT1	LF1Rate	CC 45	default 40
2	DP1	LF1Dep	CC 46	default 85
3	DL1	LF1Dly	CC 47	default 0
4	PH1	LF1Phs	CC 48	default 0
5	RT2	LF2Rate	CC 49	default 40
6	DP2	LF2Dep	CC 50	default 85
7	DL2	LF2Dly	CC 51	default 0
8	PH2	LF2Phs	CC 52	default 0

Page 7 — LFO 3-4

Channel 1.

Encoder	Label	Full Name	Output	Notes
1	RT3	LF3Rate	CC 53	default 40
2	DP3	LF3Dep	CC 54	default 85
3	DL3	LF3Dly	CC 55	default 0
4	PH3	LF3Phs	CC 56	default 0
5	RT4	LF4Rate	CC 57	default 40
6	DP4	LF4Dep	CC 58	default 85
7	DL4	LF4Dly	CC 59	default 0
8	PH4	LF4Phs	CC 60	default 0

Page 8 — FM/Ring/WS

Channel 1.

Encoder	Label	Full Name	Output	Notes
1	FMD	FM Dep	CC 61	default 64

Encoder	Label	Full Name	Output	Notes
2	FMF	FM Freq	CC 62	default 64
3	RND	RngDep	CC 63	default 64
4	RNF	RngFreq	CC 65	default 64
5	CRS	BitCrsh	CC 66	default 0
6	WSD	WS Dep	CC 67	default 15
7	SRR	SRReduc	CC 68	default 0
8	WSM	WS Mix	CC 69	default 127

Page 9 – Harmonia

Channel 1.

Encoder	Label	Full Name	Output	Notes
1	H1T	Hrm1Trn	CC 70	default 83
2	H1D	Hrm1Det	CC 71	default 64
3	H2T	Hrm2Trn	CC 72	default 64
4	H2D	Hrm2Det	CC 73	default 64
5	H3T	Hrm3Trn	CC 74	default 29
6	H3D	Hrm3Det	CC 75	default 64
7	H4T	Hrm4Trn	CC 76	default 64
8	H4D	Hrm4Det	CC 77	default 64

Page 10 – Uni/Gran

Channel 1.

Encoder	Label	Full Name	Output	Notes
1	UND	UniDep	CC 78	default 0
2	UDT	UniDetn	CC 79	default 15
3	DRF	Drift	CC 80	default 0
4	SPR	Spread	CC 81	default 127
5	GIN	GrnInts	CC 82	default 0
6	GSP	GrnExp	CC 83	default 57
7	GRD	GrnDep	CC 84	default 86

Encoder	Label	Full Name	Output	Notes
8	GPG	PtchGrn	CC 85	default 20

Page 11 – Mod Matrix

Channel 1.

Encoder	Label	Full Name	Output	Notes
1	MM1	Mod1Amt	CC 86	default 64
2	MM2	Mod2Amt	CC 87	default 64
3	MM3	Mod3Amt	CC 88	default 64
4	MM4	Mod4Amt	CC 89	default 64
5	MM5	Mod5Amt	CC 90	default 64
6	MM6	Mod6Amt	CC 91	default 64
7	MM7	Mod7Amt	CC 92	default 64
8	MM8	Mod8Amt	CC 93	default 64

Page 12 – FX 1-2

Channel 1.

Encoder	Label	Full Name	Output	Notes
1	F1M	FX1 Mix	CC 94	default 0
2	F1A	FX1 PrA	CC 95	default 95
3	F1B	FX1 PrB	CC 100	default 85
4	F1C	FX1 PrC	CC 101	default 25
5	F2M	FX2 Mix	CC 102	default 0
6	F2A	FX2 PrA	CC 103	default 25
7	F2B	FX2 PrB	CC 104	default 64
8	F2C	FX2 PrC	CC 105	default 38

Page 13 – FX 3-4

Channel 1.

Encoder	Label	Full Name	Output	Notes
1	F3A	FX3 PrA	CC 106	default 50

Encoder	Label	Full Name	Output	Notes
2	F3B	FX3 PrB	CC 107	default 50
3	F3C	FX3 PrC	CC 108	default 85
4	F3D	FX3 PrD	CC 109	default 64
5	F4M	FX4 Mix	CC 110	default 0
6	F4A	FX4 PrA	CC 111	default 64
7	F4B	FX4 PrB	CC 112	default 64
8	F4C	FX4 PrC	CC 113	default 110

Page 14 – Arp/MstFX

Channel 1.

Encoder	Label	Full Name	Output	Notes
1	ASP	ArpSpd	CC 114	default 64
2	ALN	ArpLen	CC 115	default 127
3	ASW	ArpSwng	CC 116	default 0
4	AOC	ArpOct	CC 117	default 0
5	ACL	ArpClk	CC 118	default 0
6	MFT	MFTType	CC 119	default 0
7	FXB	FX Byp	CC 120	default 0
8	AUX	LyrAux	CC 121	default 0

Page 15 – Global

Channel 1.

Encoder	Label	Full Name	Output	Notes
1	AVL	AmpVel	CC 122	default 64
2	FVL	FltVel	CC 123	default 64
3	GLD	Glide	CC 124	default 0
4	OCT	MstrOct	CC 125	default 64
5	LVL	LyrLvl	CC 126	default 127
6	VOL	PtchVol	CC 127	default 96
7	VCS	Voices	CC 6	default 14

Encoder	Label	Full Name	Output	Notes
8	PCH	Patch+/-	CC 99	default 64

Generated from `presets/library/omnisphere-2.json` . Regenerate via `python3 tools/generate_template_docs.py` .