

LIVEN Ambient Ø MIDI implementation chart

Function		Transmitted	Recognized	Remarks
Basic channel	Default	1 - 16	1 - 16	※ Stored in memory
	Changed	1 - 16	1 - 16	
Mode	Default	×	Mode 3	
	Messages	×	×	
	Altered	*****		
Note numbers	Range	17 - 115	0 - 127	
		*****	0 - 127	
Velocity	Note-On	○, 9n, 1 - 127	○, 9n, 1 - 127	
	Note-Off	×	×	
After Touch	Poly	×	×	
	Channel	×	×	
Pitch Bend		×	○	
Control Change	5	○	○	VELOCITY
	20	○	○	TUNE ALL
	21	○	○	FX TYPE
	22	○	○	FX SPEED
	23	○	○	FX AMOUNT
	24	○	○	REVERB TYPE
	25	○	○	REVERB
	26	○	○	PTN LEVEL
27	○	○	RND SEQ	
Control Change (LAYER)	28	○	○	STRUCTURE
	29	○	○	WAVE
	30	○	○	HARMONIC
	31	○	○	BALANCE
	32	○	○	PITCH
	33	○	○	DETUNE
	34	○	○	MOD SHAPE
	35	○	○	MOD
	36	○	○	DEPTH
	37	○	○	FILTER TYPE
	38	○	○	FILTER CUTOFF
	39	○	○	FILTER RESO
	40	○	○	AMP ATTACK
	41	○	○	AMP RELEASE
	42	○	○	LFO1 SHAPE
	43	○	○	LFO1 ASSIGN
	44	○	○	LFO1 TRIG
	45	○	○	LFO1 RATE
	46	○	○	LFO1 DEPTH

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Function		Transmitted	Recognized	Remarks
Control Change (LAYER)	47	○	○	LFO2 SHAPE
	48	○	○	LFO2 ASSIGN
	49	○	○	LFO2 TRIG
	50	○	○	LFO2 RATE
	51	○	○	LFO2 DEPTH
	52	○	○	TRACK LEVEL
	53	○	○	TRACK PAN
	54	○	○	→ REVERB
	55	○	○	→ SHIMMER
	56	○	○	DICE
	57	○	○	OCTAVE
	58	○	○	VOICE MODE
	59	○	○	VOICE ADJ
	60	○	○	TRANSPOSE
61	○	○	RANDOM STEP	
62	○	○	PRM LOCK	
63	○	○	TRACK MUTE	
Program Change	Settable range	○	○	
System exclusive		○	○	
System Common	Song position	×	○	
	Song select	×	○	
	Tune	×	×	
Real Time	Clock	○	○	※ Receive only when clock source is MIDI
	Command	○	○	
Other	All Sound Off	×	×	
	Reset All Controllers	×	×	
	Local Control On/Off	×	×	
	All Notes Off	×	×	
	Omni Mode Off	×	×	
	Omni Mode On	×	×	
	Mono Mode On	×	×	
	Mono Mode Off	×	×	
	Active Sensing	○	○	
	Reset	×	×	

Mode 1 : Omni-On, Poly; Mode 2 : Omni-On, Mono; Mode 3 : Omni-Off, Poly; Mode 4 : Omni-Off, Mono

○ : Yes X : No