

# LIVEN XFM MIDI implementation chart

Function		Transmitted	Recognized	Remarks
Basic channel	Default Changed	1 - 16 1 - 16	1 - 16 1 - 16	*Stored in memory
Mode	Default Messages Altered	× × *****	Mode 3 ×	
Note numbers	Range	17 - 115 *****	0 - 127 0 - 127	
Velocity	Note-On Note-Off	○, 9n, 1 - 127 ×	○, 9n, 1 - 127 ×	
After Touch	Poly Channel	× ×	× ×	
Pitch Bend		×	○	
Control Change (FX · Current)	5	○	○	VELOCITY
	20	○	○	FX TYPE
	21	○	○	FX SPEED
	22	○	○	FX AMOUNT
	23	○	○	PTN LEVEL
	24	○	○	SEQ MODE
	25	○	○	LINE IN → FX
Control Change (TRACK · Current)	27	○	○	SYNTH
	28	○	○	OCTAVE
	29	○	○	SYNTH PARMETER 1
	30	○	○	SYNTH PARMETER 2
	31	○	○	SYNTH PARMETER 3
	32	○	○	SYNTH PARMETER 4
	33	○	○	SYNTH PARMETER 5
	34	○	○	SYNTH PARMETER 6
	35	○	○	SYNTH PARMETER 7
	36	○	○	SYNTH PARMETER 8
	37	○	○	FILTER
	38	○	○	FLTR CUTOFF
	39	○	○	FLTR RESO
	40	○	○	FLTR ENV DEPTH
	41	○	○	FLTR ENV TIME
	42	○	○	LFO SHAPE
	43	○	○	LFO DELAY
	44	○	○	LFO RATE
	45	○	○	LFO PITCH
	46	○	○	LFO FILTER DEPTH
	47	○	○	RELEASE & GATE
	48	○	○	DICE
	49	○	○	SWING
	50	○	○	→ FX
	51	○	○	SWEEP
	52	○	○	SWEEP SPEED
	53	○	○	SWEEP RANGE
	54	○	○	SWEEP CURVE
	55	○	○	VOICE MODE
	56	○	○	VOICE ADJ
	57	○	○	TRANSPOSE
	58	○	○	RND STEP
	59	○	○	PRM LOCK

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Function		Transmitted	Recognized	Remarks
Control Change (TRACK · Current)	60	○	○	TRACK LEVEL TRACK PAN TRACK MUTE
	61	○	○	
	62	○	○	
Program Change	Settable range	×	×	
System exclusive		○	○	
System Common	Song position	×	○	
	Song select	×	0 ~ 127	
	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 × : No