

Pulsar 900 Series Modular Synthesizer MIDI Specification

First Edition, Friday 15 April 2016

The P900 supports MIDI control of all knobs and switches, but not of patch connections. At this time, the MIDI mappings in the P900 are fixed (non-programmable) which means that they need to be mapped to physical controls either in your MIDI keyboard, or in the plugin host (DAW).

MODULE	CONTROL	MIDI CC	NOTES
930: MIDI/CV CONVERTER	KBD/VOICE MODE	10	
921-A: OSCILLATOR DRIVER	FREQUENCY	11	
	SEMITONE/OCTAVE	12	
	PULSE WIDTH	13	
[1] 921-B: OSCILLATOR	FREQUENCY	14	
	RANGE	15	
[2] 921-B: OSCILLATOR	FREQUENCY	17	
	RANGE	18	
[3] 921-B: OSCILLATOR	FREQUENCY	20	
	RANGE	21	
[4] 921-B: OSCILLATOR	FREQUENCY	23	
	RANGE	24	
[1] CP10: MIXER	INPUT 1	26	
	INPUT 2	27	
	INPUT 3	28	
	INPUT 4	29	
	MASTER GAIN	30	
[2] CP10: MIXER	INPUT 1	31	
	INPUT 2	32	
	INPUT 3	33	
	INPUT 4	34	
	MASTER GAIN	35	
[3] CP10: MIXER	INPUT 1	36	

MODULE	CONTROL	MIDI CC	NOTES
	INPUT 2	37	
	INPUT 3	38	
	INPUT 4	39	
[1] 904-A FILTER	TYPE (A/B/C/D/E)	41	<i>Will switch panel</i>
	CUTOFF	42	
	RANGE	43	
	REGENERATION	44	
[2] 904-A FILTER	TYPE (A/B/C/D/E)	45	<i>Will switch panel</i>
	CUTOFF	46	
	RANGE	47	
	REGENERATION	48	
[1] 911: ENVELOPER GENERATOR	ATTACK	50	
	DECAY	51	
	RELEASE	52	
	SUSTAIN	53	
[2] 911: ENVELOPER GENERATOR	ATTACK	54	
	DECAY	55	
	RELEASE	56	
	SUSTAIN	57	
[3] 911: ENVELOPER GENERATOR	ATTACK	58	
	DECAY	59	
	RELEASE	60	
	SUSTAIN	61	
[1] 995: ATTENUATOR	FADER 1	62	
	FADER 2	63	
	FADER 3	64	
[2] 995: ATTENUATOR	FADER 1	65	
	FADER 2	66	
	FADER 3	67	
[3] 995: ATTENUATOR	FADER 1	68	
	FADER 2	69	
	FADER 3	70	

MODULE	CONTROL	MIDI CC	NOTES
[1] 902: VCA	LIN/EXP	71	
	FIXED VOLTAGE	72	
[2] 902: VCA	LIN/EXP	73	
	FIXED VOLTAGE	74	
[3] 902: VCA	LIN/EXP	75	
	FIXED VOLTAGE	76	
[1] 924: LFO	FREQUENCY	77	
	CV INPUT ATTEN.	78	
[2] 924: LFO	FREQUENCY	79	
	CV INPUT ATTEN.	80	
[3] 924: LFO	FREQUENCY	81	
	CV INPUT ATTEN.	82	
928: SAMPLE HOLD	CLOCK RATE	83	
	INT/EXT CLOCK	84	
	GLIDE	85	
923: FILTERS	LOW PASS	86	
	HIGH PASS	87	
938: OUTPUT	AMP SATURATION	88	<i>Per voice</i>
	VOLUME	7	
[1] 931: ANALOG DELAY	WET/DRY MIX	89	
	CLOCK RATE	90	
	REGEN	91	
	MODULATION DEPTH	92	
	MODULATION RATE	93	
	BBD	94	<i>BBD Noise & Dist.</i>
[1] 931: ANALOG DELAY	WET/DRY MIX	95	
	CLOCK RATE	96	
	REGEN	97	
	MODULATION DEPTH	98	
	MODULATION RATE	99	
	BBD	100	<i>BBD Noise & Dist.</i>
931: PLATE REVERB	WET/DRY MIX	3	

MODULE	CONTROL	MIDI CC	NOTES
	PLATE SIZE	4	
	DECAY	5	
	BANDWIDTH	6	