


Comparison Chart for *Music Production Center Series*

	MPC4000Plus	MPC2500	MPC2000XL-MCD	MPC1000BK
				
Feature	Studio model with top end pro specs and features.	Studio model contains similar 4000 style features. Includes 8 outs; expandable.	Classic MPC style and feel, standard AKAI sampler features.	Legendary MPC features, 6+2 outs, expandable, compact & user friendly.
MSRP Price	MSRP \$3,599	MSRP \$2,999	MSRP \$2,499	MSRP \$1,499
Sampler Section				
Data Format	16/24 bit	16 bit	16 bit	16 bit
Sampling Rate	96/48/44.1kHz	44.1kHz	44.1kHz	44.1kHz
Program Type(Key/Group)	O	X	X	X
Program Type(Drum)	O	O	O	O
Standard Memory Size	272(16MB+256MBDIMM)/MB	16MB	2MB	16MB
Max Memory Size	512MB(DIMM)	128MB(Option EXM128)	32MB(SIMM)	128MB(Option EXM128)
Polyphony	64	32	32	32
Preset Sound	2	O(5MB)	X	O
Filter	2pole x 3	2pole x2	2pole	2pole x2
Filter Type	Low / High / Band / Notch	Low / High / Band	Low	Low / High / Band
Envelope Generator	3 (AMP,FILTER,AUX)	2(AMP,FILTER)	1(AMP)	1(AMP)
LFO	2	1	X	X
Sequencer Section				
Resolution	960 clock / Quarter note	96 clock / Quarter note	96 clock / Quarter note	96 clock / Quarter note
Event	300,000 step	100000 step	300,000 step	100,000 step
Sequence	128	99	99	99
Track	128	64	64	64
Song	128 (250 step / song)	20 (250 step / song)	20 (250 step / song)	20 (250 step / song)
MIDI	64ch(external MIDI)+32parts(internal)	64ch(external MIDI)	32(external MIDI)	32ch(external MIDI)
Sync Type	MTC,MIDI clock,SMPTE	MIDI clock, MTC, MMC	MTC,external MIDI	MIDI clock
Pad Section				
Type	Full size x 16	Full size x 16	Full size x 16	3/4 height x16
Bank	6	4	4	4
Effector				
Effector	4 (2 with 96kHz)	2	2 + 2 x reverb type	2
Master Effect	X	EQ,Compressor	X	EQ,Compressor
Connector				
Analog input	XLR/PHONE combo(balance) x 2	PHONE(balance) x 2	PHONE(balance) x 2	PHONE(balance) x 2
Phono input	O	X	X	X
Analog output	XLR (balance) x 2 PHONE(balance) x 2	PHONE(balance) x 2	PHONE(unbalance) x 2	PHONE(unbalance) x 2
parallel outputs	8 (option)	8 INCLUDED ON BOARD	8 (option)	4
Head phone	O	O	O	O
Digital input	RCA (SPDIF) x 1 (option)	RCA (SPDIF)	RCA (SPDIF) x 1 (option)	RCA (SPDIF)
Digital output	RCA (SPDIF) x 1 (option)	RCA (SPDIF)	RCA (SPDIF) x 1 (option)	RCA (SPDIF)
word sync	BNC x 1 (option)	X	X	X
MIDI input	2	2	2	2
MIDI output	4	4	2	2
SMPTE	IN , OUT	X	IN, OUT(option)	X
USB host	O	X	X	X
USB slave	O(for using akSys only)	O(USB Mass storage class support)	X	O(USB Mass storage class support)
SCSI	High pitch 50 pin	X	High pitch 50 pins	X
Foot switch	2	2	X	2
Expandable bay	3.5 inch x 1 / 5 inch x 1	2.5 inch x 1 / CD drive bay x 1	3.5inch x 1	X
Internal storage	ATA, SCSI	ATA(2.5inch HDD option)	X	X
External storage	USB,SCSI	Compact Flash (2 gig max.)	SCSI	Compact Flansh
Display				
	Glayscale 320 x 240	B/W 240 x 64	B/W 248 x 60	B/W 240 x 64
Function				
Input Thru	X	O	X	X
Q-Link knob /slider	4 x knob, 2 x Slider	2 x knob, 2 x slider	1 x Slider	2 x Slider
Q-Link sequence	O	X	X	X
Q-FX	O	X	X	X
Graphic editor	O	X	X	X
phrase library	O	X	X	X
Grid sequence EDIT	O	O	X	X
Next Sequence function with PAD	O	O	O	O
TrackMute with PAD	O	O	O	O
Time stretch	O	O	O	X
Patched phrase	X	O	X	X
reverse	O	O	O	X
Slice(EQUALY)	O	O	O	X
Slice(AUTO)	X	O	X	X
akSys	support	X	X	X
Options				
Effect board	Standard equipment	Standard Equipment	EB16	Standard Equipment
Digital I/O board	IB-4D	Standard Equipment	IB-M208P	Standard Equipment
adat Interface board	IB-4ADT	X	X	X
Parallel	IB-48P	Standard Equipment(8 para + ST)	IB-M208P	Standard Equipment(4para + ST)
Internal CD-R/W drive	Standard Equipment(ATA HDD)	CD/DVD drive option: CD-M25	X	X
Internal HD drive	Standard Equipment(80GB 3.5inch)	2.5inch for only MPC2500	X	X
Expansion memory	DIMM(General purpose)	EXM128(option)	SIMM 72pin	EXM128(option)
Power requirement	100 - 240V	100 - 240V	100 - 240V	100 - 240V
Demension(W x H x D) mm	526 x 170 x 453	415 x 85 x 327	405 x 106 x 331	330 x 75.5 x 228.2
Weight (kg)	12	6	5.5	3.45
Standard accessories	Manual , AC code Sound Library CD-ROM ak.Sys CD-ROM	Manual , AC code CF card(32MB)	Manual AC code CF card (32MB) Sound Library CD-ROM	Manual x 2 AC code CF card (32MB)