





Comparison list of current MPC products

	MPC4000BL Plus	MPC2500	MPC2000XL-MCD	MPC1000 11/9/2005
Externals				
Feature	The top-end model equipped with Full spec sampler.	The New features are "Patched phrase" "Input THRU" was installed.	Standard machine	Simple & Compact
Price	MSRP: \$3599 MAP: \$2799	MSRP: \$2999 MAP: \$1999	MSRP: \$2499 MAP: \$1699	MSRP: \$1499 MAP: \$999
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 (KeyGroup)	yes	no	no	no
Program Type (Drum)	yes	yes	yes	yes
Standard Memory Size	272 (16MB+256MB DIMM) MB	16MB	2MB	16MB
Max Memory Size	512MB (DIMM)	128MB (Option EXM128)	32M B(SIMM)	128MB (Option EXM128)
Polyphony	64	32	32	32
Preset Sound	no	yes	no	yes
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	no	no
Sequencer Section				
Resolution	960 clock / Quarter note	96 clock / Quarter note	96 clock / Quarter note	96 clock / Quarter note
Event	300,000 step	100,000 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) +32 parts (internal)	64ch (external MIDI)	32 (external MIDI)	32ch (external MIDI)
Sync Type	MTC,MIDI clock,SMPTE	MIDI clock	MTC,MIDI clock ,SMPTE	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
Effects				
Effects	4 (2 with 96kHz)	2	2 + 2 x reverb type (w/optional card)	2
Master Effect	no	EQ,Compressor	no	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	yes	no	no	no
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	8 (option)	4
Head phone	yes	yes	yes	yes
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 Clock sync	BNC x 1 (option)	no	no	no
MIDI input	2	2	2	2
MIDI output	4	4	2	2
SMPTE	IN , OUT	no	IN, OUT (option)	no
USB host	yes	no	no	no
USB slave	yes (for using akSys only)	yes (USB Mass storage class support)	no	yes (USB Mass storage class support)
SCSI	High pitch 50 pin	no	High pitch 50 pins	no
Foot switch	2	2	no	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	2.5 inch x1
Internal storage	ATA, SCSI	ATA (2.5inch HDD)	no	ATA (2.5inch HDD)
External storage	USB,SCSI	Compact Flash	SCSI	Compact Flash
Display				
Display	Gray scale 320 x 240	B/W 240 x 64	B/W 248 x 60	B/W 240 x 64
Function				
Input Thru	no	yes	no	no
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	yes	no	no	no
Q-FX	yes	no	no	no
Graphic editor	yes	no	no	no
phrase library	yes	no	no	no
Grid sequence EDIT	yes	yes	no	no
Next Sequence function with PAD	yes	yes	yes	yes
TrackMute with PAD	yes	yes	yes	yes
Time stretch	yes	yes	yes	no
Patched phrase	no	yes	no	no
reverse	yes	yes	yes	no
Slice (EQUALLY)	yes	yes	yes	no
Slice (AUTO)	no	yes	no	no
akSys	support	no	no	no
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	no	no	no
Parallel	IB-48P	Standard Equipment (8 para + ST)	IB-M208P	Standard Equipment (4para + ST)
Internal CD-R/W drive	Standard Equipment (ATA HDD)	CD drive for only MPC2500	no	no
Internal HD drive	Standard Equipment (80GB, 3.5inch)	2.5 inch (optional)	no	2.5 inch (optional)
Expansion memory	DIMM (General purpose)	EXM128 (option)	SIMM 72pin	EXM128 (option)
Power requirement	100 - 240V	100 - 240V	100 - 240V	100 - 240V
Dimension(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 cord Sound Library CD-ROM ak.Sys CD-ROM	Manual , AC cord CF card (32MB)	Manual AC cord CF card (32MB) Sound Library CD-ROM	Manual x 2- AC cord CF card (32MB)