

NEW PRODUCT 2005



FULL LINE BROCHURE.05

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DPS24 » MPD16 » E2 HEAD RUSH

AKAI
professional



MPC1000

THE ULTIMATE IN PORTABLE PRODUCTION

Inheriting all the features which make the MPC series so iconic, the MPC1000 is not only a perfect complement to its larger MPC siblings, but a powerful Music Production Center in its own right. The MPC1000 combines a 64-Track MIDI Sequencer and a 32-voice Stereo Digital Sampler, with 16 velocity and pressure sensitive rubber pads. 16MB of on-board memory comes standard and can be expanded up to 128 MB of RAM. You can use up to 2GB cards with the included 32MB Standard Compact Flash Card. When connected to a Mac or PC via its built-in USB port, you can simply drag & drop data between the computer and the MPC1000's CF card. Incredibly portable, the MPC1000 is small enough and ruggedly designed to easily fit in a backpack or laptop bag for the musician on the go.

MPC1000 FEATURES:

Akai MPC design

- Intuitive user interface
- Pattern-based and linear 64-track sequencer with 32 MIDI channels
- 32-voice drum/phrase sampler with up to 128MB RAM (optional EXM 128)
- Velocity and pressure sensitive pads for expressive programming
- 16 levels function: one sound on all pads with varied level, tuning, attack, decay or filter per pad
- Two Q-Link sliders for real-time performance control

Computer friendly

- Built-in Compact Flash drive and USB port (Mass Storage Class)
- Standard WAV files samples and MIDI Files sequences
- 3rd party offline Pad/Program editor software and sample editing/processing software

Ready to go

- Built-in Analog and Digital I/Os, headphone output and 2 x MIDI In /Out
- Internal sounds in flash

Extensive sound control

- 4-way sample layering and velocity switching per pad
- 4-pole filters (two 2-pole filters) filtering for each of the 32 voices
- 2 onboard effects processors plus 1 main out effect processor; all which can be used simultaneously
- Can resample its own output

Available accessories

- 128MB Ram Expansion (EXM128)
- Optional hard disk drive (HDM10)



MPC2500

THE REVOLUTION BEGINS NOW

The new MPC2500 Music Production Center is a 32-voice drum/phrase sampler with up to 128 MB of RAM and extensive editing control. Designed for home recording enthusiasts, music production environments, plus DJs and live club performers, the MPC2500 features an inviting user interface, great-feeling velocity and pressure sensitive pads, twin onboard effects processors, four Q-Link controllers (two sliders/two knobs) for extensive real-time control, plus 10 outputs and a S/PDIF digital output. The MPC2500 sports a 100,000 note/64 track MIDI sequencer that can be assigned to four separate MIDI outputs for a total of 64 independently addressable MIDI channels. Internal sounds reside in flash memory and can easily be swapped for new sounds via compact flash cards (32 MB card included) or the optionally available CD-ROM drive.

MPC2500 FEATURES:

Akai MPC design

- Intuitive user interface
- 32-voice drum/phrase sampler with 16MB memory built in. Expandable up to 128MB RAM
- 2 onboard effects processors and a main out effects processor
- 2 assignable Q-link sliders and knobs for real-time performance control
- 240 x 64 hinged backlit LCD

Computer friendly

- USB port for computer connectivity

Ready to go

- Built-in Analog and Digital I/Os, headphone output and 2 MIDI In/4 MIDI Out
- Internal sounds in flash

Extensive sound control

- Chop-shop- slices a loop into individual samples with automatic pad assignment
- Patched phrase- synchronizes phrase samples to any tempo without changing pitch
- Continuous sample track- records long audio tracks into a sequence
- Can resample its own output
- Audio input thru with Q-link control for real-time control
- 10 built-in analog outputs, plus stereo digital i/o
- New 4-pole filters for all sample voices

Available accessories

- 128MB Ram Expansion (EXM128)
- CD ROM Installation Kit (including CD ROM Drive) (CD-M25)
- Optional CD drive and hard disk drive (HDM10)



MPC4000PLUS

THE NEW STANDARD IN POWER

The MPC4000 is the most powerful MPC ever, with a full-featured multi-timbral sampler and a 128-track sequencer with graphic editing. Inside the MPC4000 you'll find all the sampling power of Akai's top of the line Z8 sampler combined with the versatility and ease-of-use that makes the MPC series so powerful. Designed for professional audio production, the MPC4000 offers all the advantages of dedicated hardware, features a large LCD plus the computer interface power of akSys PC/Mac control and networking software. At the heart of the MPC4000 is our new custom designed LSI sampling engine which, coupled with a high performance Intel™ Strong Arm CPU provides ultra fast audio processing.

MPC4000 FEATURES:

Akai MPC design

- Legendary MPC feel, with 10 times more resolution and more pad banks
- 300,000 notes, 128-track sequencer, 128 internal parts and 64 external MIDI channels
- 64-voice, 24bit sampler (32-voice at 96kHz). Up to 512MB RAM

Extensive connectivity

- Built-in USB and SCSI interface for external drives
- USB Slave port for connection to a Windows or Mac OS computer
- Up to 10 analog outputs, and/or 10 digital outputs with optional IB-48P and IB-4ADT expansion boards
- XLR and 1/4" I/O with 24bit/96kHz AD/DA converters
- Phono inputs with RIAA preamp for direct connection of a turntable
- Flexible Master/Slave synchronization capabilities: MIDI clock, MTC, MMC, Word Clock Input and built-in SMPTE

Compatibility

- Compatible with Akai, Roland® and EMU® CD-ROM libraries (programs and samples)
- WAV file support, and MIDI File Type 0 and 1 support

Extensive sound control

- Sample editing that includes cut and paste, timestretch, slice, resampling etc. with waveform display
- Dynamic resonant multi-mode filters, 3 envelope generators and 2 LFOs for each of the 64 voices
- Six Q-Link sliders and knobs for real-time control over a wide variety of dynamic changes
- Internal 4-bus multi-FX processor

Self-contained

- Internal 80GB hard drive and onboard CD-RW drive

Available accessories

- 8 Channel analog Output Expander (IB48P)
- 2 in/8 out ADAT Interface (IB4ADT)
- SPDIF I/O with WordClock (IB4D)



DPS24MKII

THE COMPLETE DIGITAL STUDIO

In the ever evolving market of digital multitracking, nothing is more advanced than the DPS24. This feature-rich digital studio creates the perfect environment for creativity— everything is right where you would expect it to be. With dedicated keys, rotary encoders, and motorized faders, the DPS24's tactile user interface provides direct access to all commonly used functions. The DPS24 offers extensive and expandable connectivity: numerous analog I/Os using high-quality AD/DA converters, multiple digital I/Os, WordClock, MIDI, USB, and even SCSI and SMPTE options. A custom real-time multi-tasking Operating System and dedicated hardware saves you from the headaches of computer-based configurations, conflicts and crashes.

DPS24 FEATURES:

True 24-Track Hard disk Recorder

- 24 mono tracks, 24 bit uncompressed, 256 virtual tracks per project
- 24 Track select keys, with Track Punch on-the-fly
- Up to 24 tracks simultaneous recording
- Up to 24 channels of ADAT Digital Inputs/Outputs, with sample accurate ADAT Sync

Full-featured onboard Editing

- Sample accurate editing, with sample accurate scrolling Waveform display and tape-like audio scrubbing
- Non-destructive editing: Copy, Cut, Erase, Insert, Paste, Repeat, Move
- Off-line DSP features
- Multi-level Undo/Redo

Digital Mixer

- 46 channels
- Digital EQ and Dynamics processors on every mono channel with onboard libraries
- Surround Mixing (5.1, LCRS and Quad) ready
- Onboard dynamic and snapshot automation
- 13 professional 100mm long-throw, touch-sensitive motorized faders
- 18 encoders for real-time control of parameters

- Monitor section with Main/Nearfield outputs, stereo studio cue output with built-in talkback microphone

Effects processing

- 4 simultaneous 56bit stereo FX
- FX Library with Snapshot automation
- Flexible routing allows real-time processing through outboard equipment, including digital plug-ins hosts
- Multi-band Compressor/Expander for stereo Mastering
- Sample Rate conversion and Bit Depth dithering
- Track-at-Once and Disk-at-Once CD burning

Most open system

- Standard FAT32 disk format, Broadcast WAV audio files
- ADAT lightpipe I/Os, ADAT Sync out and ADAT LRC remote support
- Four ADC Ins bypass inputs for outboard preamps
- Free ak.Sys TrackView and ak.sys Server software

Available Accessories

- SCSI Interface (IB24SCSI)
- 16 ADAT I/O with ADAT SYNC (IB24ADT)
- SMPTE/EBU LTC Interface (IB24LTC)



MPD16

MPC STYLE, AFFORDABLE QUALITY

The MPD16 is designed with ease of operation in mind. It is a compact, self-contained unit featuring the legendary touch sensitive pads of the MPC series, and easy connection to computers and sound engines such as the Z8 sampler via USB and/or MIDI. The MPD16 is equipped with 16 assignable MPC pads switchable across two banks (thereby giving you effectively 32 pads) plus a performance slider for hi-hat and other sample switching. Each pad can be set to output MIDI notes of your choosing with a variable velocity range and these can all be set conveniently via your Mac or PC.

MPD16 FEATURES:

Pads

- 16 x 2 banks. Velocity sensitive MPC-style pads

Keys

- FULL LEVEL- All pads to maximum output velocity (127)
- 16 LEVELS- Each pad offers progressive level for the last selected/used pad
- BANK- Selects the pad bank
- ACTIVE- Enables the slider

Controls

- Assignable slider

Connections

- MIDI out
- USB
- 9V DC (95mA) – not required when used with USB

Supplied accessories

- USB Driver and editor software on CD-ROM
- USB cable (1 meter)
- PDF Operator's Manual

Available accessories

- External Power Supply (MP9)



E2 HEADRUSH

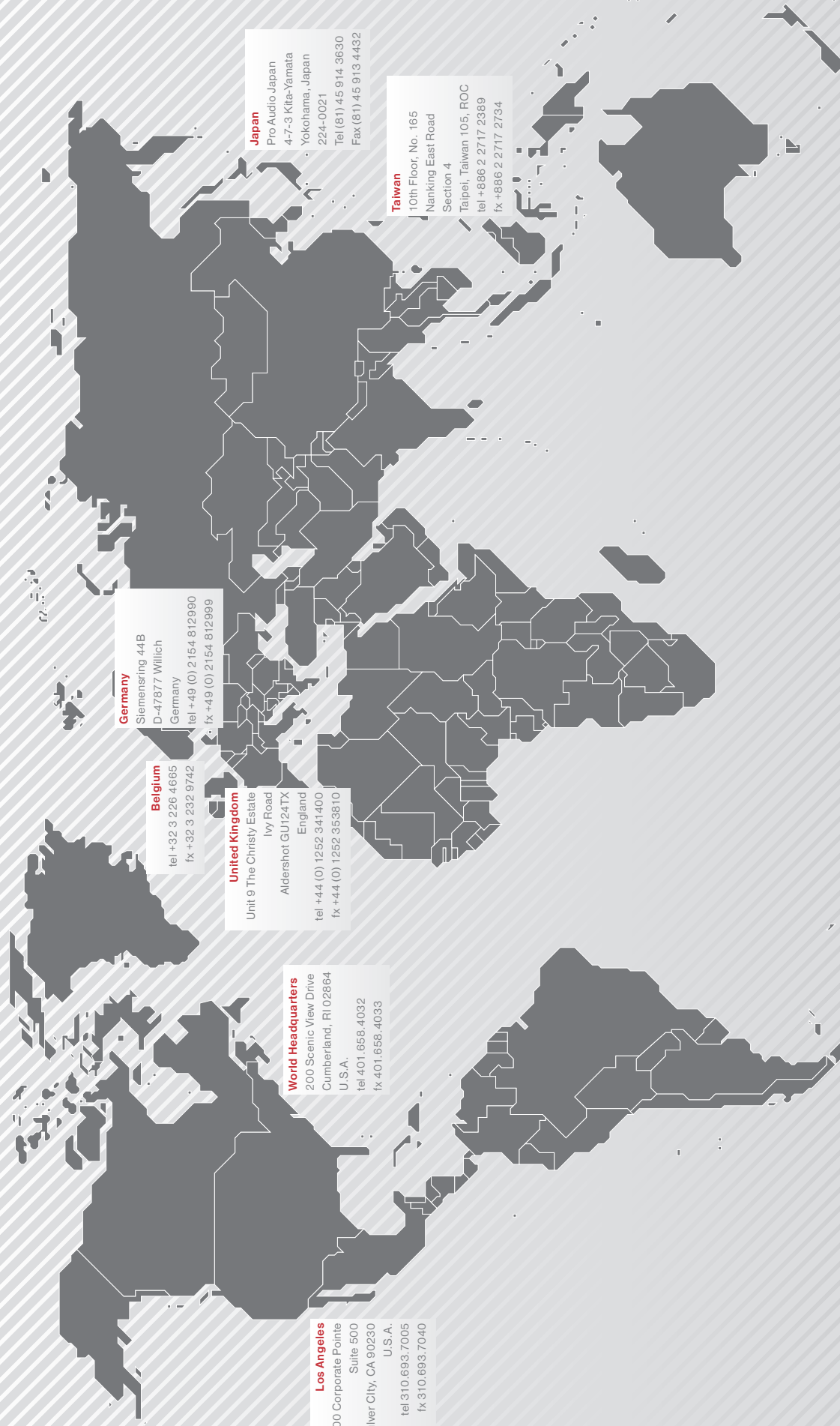
THE ALL-IN-ONE PEDAL

The Akai Professional E2 Headrush pedal combines delay, tape echo simulations and a looping recorder in one convenient pedal. User selectable delay options allow for maximum control of signal output and include several real-time and level adjustment selections as well as feedback level for repeats. The E2 can also simulate a 4-head analog tape echo machine and it is also possible to set the spacing between these 'virtual' heads to create complex multiple delays and repeats. You can also set the decay characteristics of these heads. Furthermore, the outputs of each of these virtual heads appear on individual outputs for ultimate flexibility when used with an external mixing console. The Looping Recorder mode allows you to record and overdub layer after layer of sound in real-time, making the E2 an unbelievable live performance tool.

E2 HEADRUSH FEATURES

- 16-bit Digital Delay- Delay time from 0.5ms to an astonishing 23.8 seconds maximum
- Real-time delay control- sets delay time by tapping footswitch twice
- Tape Echo mode with four individual outputs for each head
- Looping Recorder with overdub mode- Powerful tool for solo performances
- Selectable Fixed or Adjustable Loop Level





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