

The world's first (and only) Digital Sample Player. The DPX-1 plays sampled sounds from disks originally recorded on the E-mu Emulator II, Sequential Prophet 2000/2002, Ensoniq Mirage and Akai S900*. That's a library of thousands of sounds. Simply insert a disk and play! All characteristics of the original sound are preserved including presets and multi-samples. Full MIDI implementation lets you add sampled sounds to any MIDI instrument and supports MIDI Sample Dump Standard. With the optional hardware update kit the DPX-1 is compatible

with Optical Media's CDS3 CD-ROM System™* allowing you access to two CD volumes totalling over 8,000 professional mastered samples. This same update kit allows you to access Eight Individual Voice Outputs ideal for drum kits. A second optional update kit is also available which adds a SCSI port to the real panel to interface with the Oberheim HDX-20 rack-mount 20 Meg Hard Drive. Add thousands of sampled sounds to your music without the time and expense of studio time.

Audio Sources	8-Voice polyphonic Digital Sample Player. Reproduces sampled audio in digital data format, read from 3½" or 5¼" floppy diskettes, or received from MIDI via Sample Dump Standard. All sample data is converted to 12-bit linear data format. The DPX-1 will currently accept disk data from:		
	E-mu Systems Sequential	"Emulator II" "Prophet 2000" Digital Sampling Keyboard "Prophet 2002" (rack-mount) "Prophet 2002+" (rack-mount)	
	Ensoniq	"Mirage" DSK-8 Digital Sampling Keyboard "Mirage" DMS-8 Digital Multi-Sampler (rack-mount)	
	Akai Professional Oberheim	"S900" MIDI Digital Sampler DPX-1 Backup Disk	
Hardware	Front Panel: One (1) 3½" floppy disk drive One (1) 5¼" floppy disk drive LOAD DISK key, BUSY and ERROR Indicator LEDs "<" (decrement), ENTER, and ">" (increment) keys Function Select key, Function Indicator LEDs (X6) VOLUME slider 2-character LED Display Rear Panel: MIDI IN, MIDI OUT and MIDI THRU Ports AUDIO OUT jack AC ON/OFF switch AC power cord receptacle Optional: 8 Individual Voice Outputs/CD ROM Interface port to interface with Optical Media's CDS3 CD-ROM System* SCSI Interface port (multi-pin connector for HDX-20 hard disk drive)		
Audio	Signal-to-Noise:	80 dB Full output (10V Peak-to-Peak) into 10K Ω load	
	Dynamic Range:	72 dB 12-bit linear data	
MIDI Implementation	Basic Channel select for Transmit and Receive Modes— Mode 1: OMNI On, Poly Mode 3: OMNI Off, Poly Mode 4: OMNI Off, Mono (Prophet 2000-series only) Controllers— Controllers ON/OFF select Patch Change Commands ON/OFF select Controllers supported as defined by sample disk MIDI Sample Dump Standard supported		
Miscellaneous	One (1) 2/Character LED Display 100 Sample Memory presets ("PATCH SELECT"), numbered 00–99 Memory capacity: 1 megabyte of internal RAM (512 Kilosamples) Power Requirements (factory preset): North America and Japan: 95–120v A.C., 50–60 Hz Europe: 200–230v A.C., 50–60 Hz		
Dimensions	Width (side-to-side)	18.97 in. (48.18 cm.)	Standard Rack
	Depth (front-to-back)	14.00 in. (35.56 cm.)	
	Height (top-to-bottom)	3.47 in. (8.81 cm.)	2 Rack Units
	including feet	3.72 in. (9.45 cm.)	
	Net Weight	18 lbs., 4 oz. (8.28 kg.)	
	Shipping Weight	20 lbs. (9.07 kg.)	



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