

Marschall Acoustics Digital Audio Workstation MKIII

Model No. DAWMkIII

Designed with quiet components¹ throughout and delivered preinstalled with the latest stable real-time multi-processor Linux kernel, the multi-user KDE environment, and stable, leading edge audio content creation applications in the same compact form factor² and "universal power"³ input power as seen in the MKII Workstation -

Features

Premium quality components -

- ✓ *Intel Core 2 Duo main processor ensures the best performance while maintaining low power consumption and low heat generation;*
- ✓ *2 GB of PC-6400 DDR2 RAM (2x XMS2 1GB tested as pairs to 800 MHz) for maximum reliability at quite respectable speeds;*
- ✓ *400 GB (yes, four hundred gigabytes!) of SATA II (375 megabytes/s) of Hard Disk storage to handle multiple users and multiple projects;*
- ✓ *Double layer 18x DVD \pm RW Drive (8x \pm R DL, 48x CD-R, 32x CD-RW);*
- ✓ *Sony 1.44 MB floppy drive (because they're still handy for small file transfers);*
- ✓ *KME optical PS/2 mouse; and*
- ✓ *Cherry CyMotion Master Linux computer keyboard.*

Two high grade audio subsystems -

- 1) *Primary Professional - an expanded RME-HDSP-9632-based subsystem with genuine MIDI IN and OUT, and ADAT IN and OUT interfaces. Analog inputs (ADCs) are 10 channels at 48 kHz and slower sampling rates, 6 channels up to 96 kHz sampling. Analog outputs (DACs) are 2 channels at all sampling rates. Converters are 24 bit.*
- 2) *Secondary "consumer" - an Intel ICH7 and Realtek ACL882-based high definition audio subsystem with SPDIF in and out ports. Analog inputs (ADCs) are 2 channels with a spectral dynamic range of at least 82 dB at 48 kHz (20 bit converters). Analog outputs (DACs) are 8 channels with a spectral dynamic range in excess of 90 dB at 48 kHz (24 bit converters). Capable of either decoding AC97 digital audio streams (e.g., 5.1 audio) or HDA (e.g., 7.1 audio).*

1 ICE CPU Heat-Pipe Technology, variable speed thermostatically controlled fans, fluid dynamic bearing hard disk drive with Noise Guard and Silent Seek.

2 Dimensions (mm): 300L x 200W x 185H

3 Input power: 100 - 240 VAC

MAI Audio - a division of Marschall Acoustics Instruments Pty. Ltd.