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Editorial Contacts:

Lisa Wade, Galil Motion Control, Inc.
916-626-0101, lisaw@galilmc.com
Al Bru, McMullen Advertising, Inc.
408-730-0490, albru@mcmullenad.com

For Immediate Release

Galil Motion Control Offers Special Firmware For Tuning Ultrasonic Motors

Enables Galil Controllers To Connect With Nanomotion's LS2 Ultrasonic Motor

Rocklin, CA., February 10, 2002—Galil Motion Control, the industry pioneer and innovator of motion control technology and solutions, has developed Ultrasonic Motor Special Firmware that enables Galil controllers to provide optimum performance when used with Nanomotion's Brand LS2 Ultrasonic Motors.

“Ultrasonic motors are increasingly being used as an actuator in precise motion control systems. Because of their high level of friction, these motors can hold a position at a standstill without any vibration when the motor is stopped and the power removed,” explained Lisa Wade, Galil's VP-Marketing and Sales. “However, the inherent friction can also cause a delay in motion, especially if the motor overshoots. To alleviate this problem, Galil developed special functions, such as anti-friction bias, deadband capture and two sets of PID filters that help with point-to-point control of the ultrasonic motor.”

The modified firmware speeds up the settling time and holds the motor in a vibration free mode, resulting in a significant reduction in settling time, in comparison with standard firmware. The firmware features Galil's simple, intuitive 2-letter commands to facilitate quick and easy programming

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Galil offers the Ultrasonic Motor Special Firmware for a one time \$400.00 fee and is immediately available for shipment from stock.

For more information about Galil's Ultrasonic Motor Special Firmware, contact Lisa Wade, VP-Marketing and Sales, at Galil Motion Control, Inc., 3750 Atherton Road, Rocklin, CA 95765, 800-377-6329, lisaw@galilmc.com, Ph. 916-626-0101, Fax 916-626-0102, www.galilmc.com. Additional details can be viewed at www.galilmc.com/literature/servo.html.

About Galil Motion Control, Inc.

Privately held and profitable for over 68 consecutive quarters, Galil Motion Control, Inc. was co-founded in 1983 by Jacob Tal, world-famous innovator and educator in motion control. Galil was the first company to produce a microprocessor-based servo motor controller without tachometer feedback. Since then, Galil has continued to advance motion control technology and has found industry-leading acceptance with over 250,000 controllers successfully installed worldwide. Various applications include medical, semiconductor, machine tools, manufacturing and testing, food processing and textiles. Recently, Galil pioneered the first motion controller for the USB, as well as the first Ethernet-based standalone controller.

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