PressRelease

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For Immediate Release

Galil's Offers AMP-20542 Amplifier for its DMC-21x3 Ethernet Motion Controllers

Rocklin, CA., June 1, 2005—Galil Motion Control, the industry innovator in high performance, cost-effective and easy-to-use motion controllers and drives, has made available its new AMP-20542 Low Inductance Servo Amplifier option for its popular DMC-21x3 series of Ethernet motion controllers. Like all Galil plug-in boards, the AMP-20542 directly attaches to the 96-pin connector of the DMC-21x3, which eliminates the need for any cabling.

The AMP-20542 contains four transconductance, PWM amplifiers for driving small, low-inductance brush or brushless servomotors. Each amplifier operates at 18-60 VDC at up to 3.3A continuous, 5A peak. Additionally, the drive for each axis is software configurable so that it can operate in a chopper or inverter mode. The AMP-20542 also guards against over-voltage, under-voltage, over-current and short-circuit.

Galil's DMC-21x3 controller series delivers 1-8 axis control of step or servomotors in any combination of axis. It also features 10-BaseT communications with RS232 port. The DMC-21x3 also has the ability to program such modes of motion as point-to-point positioning, jogging, linear and circular interpolation, electronic gearing, ECAM and contouring. All DMC-21x3 controllers can also be purchased with Galil's array of plug-in, multi-axis amplifier boards designed to eliminate any wiring between the controller and drives.

Following are the various options Galil has available for their DMC-21x3 controllers:

- ICM-20100: 4-axis Interconnect with D-type connectors for interface to external drives
- ICM-20105: 4-axis Interconnect with D-type connectors for interface to external drives. Also includes optical isolation for I/O.
- ICM-20500: 4-axis Interconnect with screw terminals and optical isolation. Attaches to AMP-205x0.
- SDM-20240: Four full/half step drives for stepper motors

- SDM-206x0: Two or four microstep drives for stepper motors
- AMP-20341: Four 20W drives for brush servos
- AMP-204x0: Two or four 200W drives for brush servos
- AMP-205x0: Two or four 500W drives for brushless/brush servos
- AMP-20542: Four 200W drives for low inductance, brushless/brush servos
- DB-28040: Daughter Board for additional 40 digital I/O plus 8 analog inputs
- DB-28104: Daughter Board for Sine/Cosine encoder signals. Interpolates into high-resolution position data.
- BOX Metal enclosure for DMC-21x3: Standard configuration is for DMC-2143 attached to ICM-20105. Other packaging options available upon request.

For more details on the DMC-21x3 and it various options, including the AMP-20542, contact Galil at 800-377-6329 or go to: http://www.galilmc.com/products/econo/dmc21x3.html. For specific product or ordering information about any Galil motion controller, 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.

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About Galil Motion Control, Inc.
Privately held and profitable for over 80 consecutive quarters, Galil Motion Control, Inc. was founded in 1983 by Jacob Tal and Wayne Baron. Galil became 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 350,000 controllers successfully installed worldwide. Various applications include machines for the medical, semiconductor, machine tool, food processing, and textile industries. Recently, Galil has introduced several motion controllers for the Ethernet, as well as a variety of servo amplifier boards.

Photo caption: Galil's AMP-20542 Low Inductance Servo Amplifier option for DMC-21x3 Ethernet controllers.