

# LEGACY™ 6000

PRELIMINARY

CAN BUS CONTROL SYSTEM WITH INTEGRATED GPS MAPPING, GUIDANCE AND DATA COLLECTION

## FEATURES

- Multiple product control with optional integrated guidance
- One console in the cab; one cable to the console
- Simplifies operation of product control and GPS record keeping
- Only fully integrated system on the market
- Works with Mid-Tech's Swath XL lightbar
- Comes fully loaded with Mid-Tech's renowned Fieldware software
- Precise accuracy, greater efficiency

**LEGACY 6000** is a dream come true—a single console working efficiently, easily and precisely to manage multiple product control of all product types, plus GPS mapping, guidance, and data collection. Replacing multiple consoles in the cab with one robust system, Mid-Tech's Legacy 6000 sets a new standard for control systems of the future.

Midwest Technologies has a reputation for excellence and many years of expertise in the design and manufacturing of both product control and GPS task-control systems. Now they have developed a system that seamlessly integrates variable rate product control with lightbar guidance and GPS record keeping.

### Robust

The Legacy 6000 operates in a Windows CE environment, an extremely dependable and stable operating system. Operation is intuitive with on-screen menu choices and prompts. An on-board help menu is built in. The heart of the Legacy console is an Intel processor operating at 206 Megahertz for maximum efficiency.

### CAN Bus Versatility and Value

The Legacy 6000 utilizes CAN Bus technology, a new industry standard, which Mid-Tech uses to execute precise product control in an environment more robust than any of its predecessors.

CAN (Controller Area Network) is a system that distributes the processing of information over a network of independent, intelligent modules connected by a single high-speed cable, or Bus. It permits faster processing, and more accurate control of many functions with only a single cable entering the cab.

The Legacy 6000 uses 4 types of modules, each having a unique function. The console in the cab is one of these modules and serves as the user interface. The remaining modules are positioned across the chassis close to the area they influence. For instance, the Product Control Module



(PCM) connects to the actuator and sensor and controls the actual release of the product. To upgrade from one-product to three-product application (or more) is simply a matter of adding additional PCM's to the system.

In addition to accepting more modules from its own systems, the Legacy 6000 will be able to connect to other 11- or 29-bit CAN systems on the vehicle.

### GPS Mapping & Guidance

Plug any standard submeter GPS receiver and Mid-Tech's award-winning Swath XL lightbar into the Legacy 6000 system, and you will have straight-line, curved or center pivot guidance at your command. Application maps can be viewed on the Legacy 6000 display as you apply. Cross track error, area applied, application rates, and other vital information displays on the Swath XL lightbar in real time. All the features loaded into Mid-Tech's Fieldware software are integrated into the Legacy 6000 system.

- Application Rate Management—permits precise variable rate application of one or more products
- Swath XL guidance—guidance plus reporting in one easy to use format
- Report generation—full application reports and maps can be generated at the end of the day to provide permanent records and exact billing information
- Fieldware mapping—map field boundaries accurate to .01 acres, map tile lines and field features with great detail
- Nav2Point—Navigates to any point in the field to find soil sampling points or zones that have been previously mapped or established



## Warranty

Legacy 6000 is backed by Mid-Tech's full product warranty. Our dedicated customer support staff assures you of continued service and on-site training makes your staff more effective and efficient. Midwest Technologies was recently awarded ISO 9001 certification for quality standards.

## Legacy™ 6000 Console

<b>Dimensions</b>	8.0" Wide x 7.7" High x 4.5" Deep (203 x 196 x 114 mm)
<b>Weight</b>	2.3 lbs. (1.0 kg)
<b>Enclosure</b>	Sealed plastic; back lighted, tactile feed-back switches on front panel
<b>Display</b>	5.7" diagonal (120 x 90 mm), transfective, QVGA with CCFL back lighting. Brightness control via back light control over contrast using discreet switches.
<b>Input/Output</b>	CAN, Bosch 2.0B Serial RS 232 (2) USB (1) TTL digital I/O (10)
<b>Memory</b>	32 Mbytes DRAM 16Mbytes Flash

<b>Microprocessor</b>	32-bit Intel® StrongArm, SA 1110 with SA 1111 companion chip. 206 MHz.
<b>Drives</b>	PCMCIA type II, single slot
<b>Operating System</b>	Microsoft® Windows® CE 3.0
<b>Power Requirement</b>	9 to 16 volts DC
<b>Connector</b>	Sealed, 31 pin Deutsch
<b>Receiver Compatibility</b>	Compatible with any differentially corrected submeter GPS (DGPS) receiver which outputs NMEA 0183 at 2 Hz or greater.
<b>Alarm</b>	Audible alarm
<b>Other</b>	* Real-time clock with battery back-up * Simple mounting bracket provided or optional RAM™ mounting bracket

Prices and specifications are subject to change without notice.  
Midwest Technologies is ISO 9001 certified.



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