

Valley® Controls



RELIABLE

DURABLE

PRECISE

EASY-TO-USE

RESPONSIVE



Easily Control and Monitor Your



As a grower, you know getting water to your crops when and where it's needed is key for increased yields. In the past, this meant looking forward to additional costs and worries during peak irrigation times – early morning and late night irrigation checks, with increased fuel costs from those additional trips to the field. Some days, it seemed like your irrigation equipment was controlling you – until now.



Valley® Controls are designed to help you regain control by virtually eliminating unnecessary visits to the field.

Program – With a variety of easy-to-use program options that fit the size and condition of your operation and the pace of your life, you'll be able to conserve energy and time while greatly improving your profitability.

Monitor – Monitor all of your equipment with easy-to-use tools that provide an at-a-glance view of your irrigation set-up to ensure more efficient, less stressful irrigation. Complete safety checks, allocate the appropriate pressure and monitor field position.

Control – Our communications options bring advanced technology and give you “control-on-the-go” 24-hours a day via cell phone. Start and stop your irrigation equipment, change direction and application depth, plus much more.

Relax – From monitoring your equipment and accessing alarm indicators to programming your irrigation machines, these options deliver peace of mind that comes from knowing you're operating at maximum efficiency, saving resources and reducing downtime.

Free up your time to relax and enjoy all the things you'd rather do than visit your irrigation equipment in the field.

Valley® BaseStation2

Reduce your worry and stress while lowering cost and improving efficiency with the Valley BaseStation2. See for yourself just how easy it is to use. Ask your Valley dealer to see a BaseStation2 demo DVD.



VALLEY 
BaseStation2
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Irrigation 24-hours a Day



Exceptional Reliability and Durability

Valley® is known worldwide for the quality and durability of its irrigation equipment and Valley control panels are no exception. Each component is engineered, constructed and field tested to ensure a long life in the field and to make your investment last far into the future.

Every Valley control panel includes NEMA 3R enclosures, transient and induced voltage protection, heavy duty disconnect and a lockable inner door to help guarantee reliability, safe usage and a long lifespan. Valley manuals contain all necessary safety measures and all components are clearly labeled.

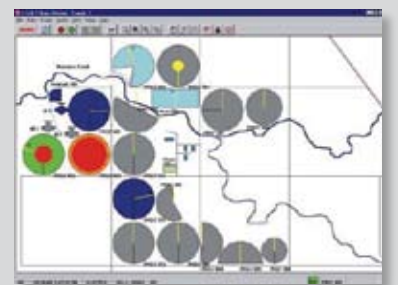
Communication Options that Fit Your operation and your life

Valley® control panels offer optional two-way communication features that let you manage your irrigation equipment 24-hours a day, without the time and energy costs of trips to the field. You can manage your irrigation more closely, reduce your costs and have more time for the things you really want to be doing.

Valley® BaseStation2

BaseStation2 is a centralized irrigation management system for your office computer, custom-designed to suit your needs by Valmont Engineering. Whether you are looking to monitor one or several irrigation machines, BaseStation2 gives you flexibility and reporting mechanisms like no other.

You can easily control pivots, check pivot status at-a-glance, as well as monitor and control pumps, valves and other devices without the need for additional trips to the fields. Generate reports for year-to-year comparisons and look at your control panel the same way you would see it in the field.



Monitor and control your irrigation 24-hours a day from your home or office computer.

To see how BaseStation2 can put you back in control, ask your Valley dealer to see the demo DVD, or, for more information, e-mail basestation@valmont.com.

Key features include:

Full Control Capabilities – Control your pivot through commands with a simple mouse click. The monitor looks the same as if you were at your control panel in the field, and also lets you monitor auxiliary input status.

Remote Monitoring – Monitor all pivots on one screen with mapping to match your existing farm conditions. See an at-a-glance view of your pivot status, including the current position and direction of travel.

Reporting Functionality – To support farm management efficiencies, the BaseStation2 offers four different reports including Totals, Status Change, Current Status and Configuration Reports, as well as showing you the total amount of flow on your farm. You can print reports directly or export to open in Excel.

You now have the ability to control your pivots and receive alarm messages on your cell phone from your BaseStation2, giving you an unprecedented amount of freedom.



Monitor and control pivots from your cell phone.

Valley® GSM Alarm

No more driving through rough fields at 2 a.m. to check your pivot or to stop irrigating during a rain storm. Now you can remotely turn your linear or pivot off using the GSM Alarm with significantly lower cost and less hassle. The GSM Alarm messages are sent to your cell phone, delivering important information to you wherever you are.

GSM Alarm is compatible with all Valley pivots and linears and most competitive machines. It only requires GSM cellular phone service. To minimize unauthorized actions, the GSM Alarm is also equipped with a tamper-resistant case.

Make Your Choice

From a selection of easy-to-use Valley® control panels

Valley Pro2 Panel

The most advanced panel showcases irrigation technology at its best.

The Valley Pro2 Panel showcases irrigation technology at its best. Although it utilizes advanced technology, it gives you a simple set of tools for the highest level of control and monitoring both in the field and remotely.

Features include fully programmable functions based on date, time, and position. Additional inputs allow you to conserve and manage available water and get precise water application, fertilization and chemigation. The flowmeter option helps you track your overall water usage.

A full backlit screen display at the panel and advanced sensory and auxiliary functions make it easy to use when it suits your schedule – day or night.

Advanced field diagnostics reduce your downtime and service calls and provides specific pivot status when you want it.

The Pro2 Panel can utilize the most advanced functions of the GSM Alarm and the BaseStation2, giving you round the clock updates and control options from your cell phone or home office computer.



Compatible With:

BaseStation2
GSM Alarm

Valley Select Panel

Automatic operations allow more monitoring and control.

The Valley Select Panel offers a combination of easy-to-read digital displays and push button controls. This panel gives you the ability to increase your level of control as your operation grows or technology advances.

Features include end gun, stop-in-slot and auto reverse set right in the panel, pivot position reporting and field sector controls that allow you to change application for varying crops, and special field diagnostics that reduce your downtime and service calls by keeping you informed of pivot status at all times, even remotely.

This panel is designed to work with the GSM Alarm, allowing you to monitor status and perform basic controls from your cell phone. It connects to the BaseStation2 so you can also monitor, control and report from your office or home computer.



Compatible With:

BaseStation2 (Limited Capabilities)
GSM Alarm

Valley Mechanical Panel

A panel that can grow as your needs grow.

The Valley Mechanical Panel offers easy-to-operate switches for manual operation and is available on corner and linear equipment.

Features include mechanical auto reverse, a mechanical pressure switch that allows you to monitor for low pressure, percent timer dial to control application and optional mechanical switches to set pivot direction.

For monitoring 24-hours a day from any location, connect to the GSM Alarm remote communications device.



Compatible With:
GSM Alarm

Valley Basic Panel

Entry-level panel designed for in-field control.

The Valley Basic Panel offers the lowest initial investment and provides push button, manual operation. It is designed for growers with center pivots only.

Features include percent timer to control application and optional mechanical switches that allow you to set pivot direction and monitor for low pressure.

Observe your pivot and perform basic controls on this panel from your cell phone through the GSM Alarm remote communications device option.



Compatible With:
GSM Alarm





Valley Control Conversions

Your Valley dealer is there to find technology solutions for your situation – from new equipment installation to communication upgrades. No matter your pivot brand, Valley has a conversion solution to fit your irrigation needs.

Look to Valley and see how a panel upgrade can improve your performance for a minimal investment. Enhance your irrigation management options while conserving and managing time and water.

Contact your Valley dealer today for more information on the simple and money-saving conversion options, and experience the performance and reliability that only Valley can give you.



Reasons to Convert:

- Outdated controls cause problems
- Orphaned machines need parts
- Bring new Valley technology to all your pivots
- Extend the life of your existing pivots

Convert Your:

- Tower boxes
- Panels
- Remote communications

Choose the Control Options to Fit Your Operation

	Direct Controls				Remote Controls	
	Basic	Mechanical	Select	Pro2	GSM Alarm	BaseStation2
MONITOR						
Pivot on/off		✓	✓	✓	✓	✓
Voltage	✓	✓	✓	✓		✓
Direction		✓	✓	✓		✓
Safety	✓	✓	✓	✓	✓	✓
Diagnostics			✓	✓		✓*
Application depth			✓	✓		✓*
Water on/off			✓	✓	✓	✓*
S I S on/off	✓	✓	✓	✓		✓*
Pressure	✓	✓	✓	✓		✓*
Field Position			✓	✓		✓*
Date				✓		✓*
Time				✓		✓*
Hours/revolution				✓		✓*
Auxiliary control status				✓	✓	✓*
Alarm feature					✓	✓
Internet connectivity						
CONTROL						
Start/stop	✓	✓	✓	✓	✓	✓
Water on/off	✓	✓	✓	✓		✓
Application depth	✓	✓	✓	✓		✓
Direction	✓	✓	✓	✓		✓
S I S on/off		✓	✓	✓		✓*
End gun settings	✓		✓	✓		✓*
Auto reverse/auto stop			✓	✓		✓*
Auto restart			✓	✓		✓*
Write/edit programs				✓		✓*
Auxiliary control				✓		✓*
Field sector control			✓	✓		✓*
DESIGN						
Modular		✓	✓	✓	✓	✓
Transient & induced voltage protection			✓	✓	✓	✓
Industrial standards applied		✓	✓	✓	✓	✓
Tamper proofing closure					✓	

✓ = included ✓* = yes if control panel has functional capabilities

Valley® – Precision Irrigation Made Easy

The Valley promise to our growers: To give you the industry's best – the most reliable mechanized components; durable structures; precise water application; easy-to-use controls and responsive dealer service.



Rely on Valley® Dealers

Responsive dealer service with Valmont Irrigation technicians is how Valley minimizes equipment downtime. Dealers are equipped with product training, as well as knowledge of irrigation and local agricultural practices.

When you need full control, ease of use in the field and communications to support your schedule, be sure to contact your local Valley dealer to see how Valley Controls can help you. As the world leader in mechanized irrigation equipment, you will not find more durable or reliable products in the industry.



Conserving Resources. Improving Life.

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See your local authorized Valley Dealer for complete details.

Valmont® Irrigation has a policy of continuous product improvement and development. As a result, certain changes in standard equipment, options, price, etc., may have occurred after the publication of this brochure. Some photographs and specifications may not be identical to current production. Your local Valley® dealer is your best source for up-to-date information. Valmont Irrigation reserves the right to change product design and specification at any time without incurring obligations.

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