

Valley® Controls

RELIABLE | DURABLE | PRECISE | ADVANCED | RESPONSIVE



VALLEY 

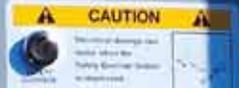
The Leader in Precision Irrigation

Valley[®] Control Panels

VALLEY
TouchPro



EMERGENCY STOP





TouchPro™

The TouchPro control panel gives you powerful, yet user-friendly control of your center pivots. This panel's full-color main screen can be customized to show only the control features and management information important to your operation.

- Programmable by date, time, position, and other data
- Touch technology
- Features load management programming, graphical view of pivot position, and end gun and wide boundary positions
- Can withstand extreme temperatures, high humidity, and transient voltage requirements



Compatible with:

- Center pivots
- Corners/Benders
- BaseStation3
- TrackNET

Pro2

The technologically advanced Pro2 control panel gives you a simple set of tools for the highest level of control and monitoring, both in the field and remotely. The panel also features the patent-pending, Valley exclusive Cruise Control™, which allows you to precisely manage chemigation and fertigation. This software automatically adjusts the speed of your pivot to prevent over or under application of chemicals.

- Programmable by date, time, and position
- Advanced diagnostics, such as system faults, error codes, and logs
- Standard backlit screen and keypad
- Advanced sensory and auxiliary functions



Compatible with:

- Center Pivots
- Corners/Benders
- BaseStation3
- TrackNET

Select2

The Select2 control panel offers you a combination of easy-to-read digital displays and push-button controls. It incorporates the same field-proven processor technology as the Pro2.

- Standard backlit screen and keypad
- End gun, stop-in-slot, and auto reverse set in the panel
- Field sector controls to change water application for different crops or soils
- Auto restart on power, pressure, or both
- Pivot position reporting



Compatible with:

- Center Pivots
- Corners/Benders
- BaseStation4
- TrackNET



AutoPilot Linear

The AutoPilot Linear control panel measures the position and travel direction of your linear machine, allowing you to program it to run automatically.

- Only control panel available specifically for linears
- Turns primary and secondary end guns on/off
- Can program to change direction, stop, and change speed
- Start/stop chemigation based on field position



Compatible with:

- Linears
- BaseStation3
- TrackNET

ClassicPlus

The ClassicPlus control panel offers easy-to-operate switches for manual operation.

- Mechanical auto-reverse
- Mechanical pressure switch for low-pressure monitoring
- Percent timer dial to control application
- Optional mechanical switches to set pivot direction
- Can be upgraded to Valley Pro2, Select2, or AutoPilot Linear



Compatible with:

- Center Pivots
- Corners/Benders
- Linears
- BaseStation3
- TrackNET

Classic

The Classic control panel offers the lowest initial investment and provides push button, manual operation. It is designed for center pivots only.

- Push button operation
- Percent timer to control water application
- Optional mechanical switches to set pivot direction and monitor for low pressure



Compatible with:

- Center Pivots
- BaseStation3
- TrackNET

Valley Control Panels



1 2 3 4
5 6 7 8
9 0
Valley
STOP
START
PAUSE
RESET

MAIN
AUX
ON
OFF

⚠ DANGER ⚠
High Voltage!
All switches are
Lock Release Keys
in the "OFF" position
before opening cabinet

Valley Remote





Control Monitoring

BaseStation3 Total Control – Anywhere

BaseStation3 is the most comprehensive, flexible, state-of-the-art irrigation management system available. This innovative technology gives you unprecedented control over your operation. BaseStation3 brings another Valley first to the market by giving you the option of a cloud-hosted installation or hosting the application on a centralized PC at your location – a choice no one else offers. Select cellular, data radio, or satellite options, and manage your pivots from any computer, laptop, tablet, or smartphone.



Web-Based Interface

- Allows multiple and simultaneous users
- Provides alert notifications and instant, at-a-glance status updates
- Intuitive and easy to use, but flexible enough for any size operation
- Expands to grow as your operation grows

Remote Management

This powerful farm management tool enables you to remotely manage all types of irrigation, including:

- Pivots
- Linear
- Solid set
- Subsurface
- Pumps
- Generator Sets

Beyond the Ordinary

- Data received from Irrrometer® WATERMARK soil moisture sensors
- Provides quick notification if any field approaches cautionary status range for soil moisture
- Allows for informed irrigation decisions based on the amount of moisture in the crop root zones
- Native iOS (iPhone, iPad) and Android apps available for enhanced mobile experience
- User management tools, varied scheduling, and customized reporting
- End gun templates allow quick and easy changes to settings





TrackNET



Valley TrackNET™

The Valley TrackNET™ family of products provides the tools you need to remotely monitor and control your irrigation equipment. This technologically advanced product line allow you to communicate with your center pivots via mobile phone, smartphone, laptop, or tablet. And, your Tracker product can notify you of an issue by sending a text message, email, or even a voice message. A demonstration of our TrackNET products is available at ValleyTrackNET.com

TrackerLT

- Designed specifically for non-Valley, Valley Classic, and Valley ClassicPlus control panels
- Provides GPS Position for programmable end gun and stop-in-slot positions
- Remotely stops pivot
- Monitors direction, position, and water pressure (pressure transducer required)
- Variable Rate Irrigation (VRI) ready with Speed Control and wireless prescription upload capabilities

TrackerPro

- Can be used with Valley mechanical control panels and most non-Valley control panels
- Allows the integration of Valley and non-Valley panels into the same management system
- Basic monitoring and control, including on/off, start, stop, application depth control, and directional changes
- VRI ready with Speed Control and wireless prescription upload capabilities

TrackerSP

- Designed for the TouchPro™, Pro2, and Select2 control panels
- Offers premier-level monitoring and control
- Remotely monitors and controls most features, including application depth, field diagnostics, end guns, field position, water, direction, auxiliaries, start/stop, VRI status, SIS status, and VRI Zone Control.
- Allows for VRI prescription uploads

Valley Remote Control Monitoring



Global Positioning System (GPS)





GPS Position

GPS Ready control panels from Valley give you another choice in positioning your center pivots and linears. The GPS receiver collects and sends position data to the GPS Ready control panel, allowing you to precisely apply different levels of water, crop fertility products, or other inputs.

- Available for center pivots and linears
- Requires a GPS Ready control panel: TouchPro™, Pro2, Select2, or AutoPilot Linear
- Gathers accurate machine position data
- Compatible with the NovAtel GPS receiver, which is dual channel and does not require a correction to achieve less than three meters, 95% typical
- WAAS (Wide Area Augmentation System) enabled Garmin receiver provides accuracy of five meters, most installations reach greater accuracy
- Offers a potential for higher yields and lower input costs because water is applied more efficiently

For Valley Linear and Corner Machines

GPS Guidance eliminates maintenance issues associated with existing guidance options and minimizes variances in water application.

- Available for linears and corners
- Eliminates need for below-ground, above-ground, or furrow-guidance options
- Easily reprogrammable with the custom Valley mapping tool for changes in farm practices or field boundaries
- Diverse platform supports multiple brands of RTK receivers, such as John Deere® and Trimble®
- Trimble RTK receiver compatible with existing Trimble RTK networks
- Easily retrofitted for most existing corners and linears



Control Conversion

A new control panel helps eliminate electrical shutdowns and allows you to control your machine safely and efficiently.

Almost all center pivot brands can be updated with Valley control panel technology. Conversion opens up opportunities to use remote control and monitoring.

Look to Valley Irrigation to see how a panel upgrade can improve performance for a minimal investment. Enhance your irrigation management options on Valley or non-Valley machines, while conserving water and saving time.

Tower Box Conversion

Looking for a high value with a minimal investment? A Valley tower box and alignment conversion can substantially reduce electrical shutdowns on older pivots, which means less downtime. Almost all pivot brands can be converted.

With a Valley tower box and alignment package, non-Valley pivots run more reliably.

Contact your local Valley dealer today for more information on a tower box conversion.

Direct Control

Remote Controls

	Classic	ClassicPlus	Select2	Pro2	TouchPro	TrackerLT	TrackerPro	TrackerSP	BaseStation3
MONITOR									
Pivot On/Off	●	●	●	●	●		●	●	●
Voltage	●	●	●	●	●		●	●	●
Direction	●	●	●	●	●	●	●	●	●
Auto Restart On/Off		●	●	●	●			●	●
Safety	●	●	●	●	●	●	●	●	●
Diagnostics			●	●	●	●	●	●	●
Application Depth			●	●	●		●	●	●
Speed	●	●	●	●	●	●	●	●	●
Water On/Off	●	●	●	●	●		●	●	●
S I S On/Off	●	●	●	●	●	●	●	●	●
VRI On/Off			●	●	●	●	●	●	●
Pressure	●	●	●	●	●	●	●	●	●
End Gun			●	●	●	●	●	●	●
Programs Running			●	●	●	●	●	●	●
Field Position			●	●	●	●	●	●	●
Date			●	●	●	●	●	●	●
Time			●	●	●	●	●	●	●
Hours/Revolution			●	●	●			●	●
Auxiliary Control Status				●	●		●	●	●
Panel Lockout Status				●	●			●	●
SmartPhone					●	●	●	●	●
Alarm Feature					●	●	●	●	●
Internet Connectivity						●	●	●	●
GPS Ready			●	●	●				●
Soil Moisture									●
CONTROL									
Configurable Main Screen					●				
Start	●	●	●	●	●		●	●	●
Stop	●	●	●	●	●	●	●	●	●
Water On/Off	●	●	●	●	●			●	●
Application Depth			●	●	●		●	●	●
Speed	●	●	●	●	●		●	●	●
Direction	●	●	●	●	●		●	●	●
SIS On/Off	●	●	●	●	●	●	●	●	●
S I S Angle			●	●	●	●	●	●	●
End Gun Settings	●	●	●	●	●	●	●	●	●
Auto Reverse/Auto Stop	●	●	●	●	●		●	●	●
Auto Restart		●	●	●	●			●	●
Write/Edit Programs			●	●	●		●	●	●
VRI Speed Control			●	●	●	●	●	●	●
Cruise Control				●	●			●	●
VRI Zone Control				●	●			●	●
Enable/Disable VRI			●	●	●	●	●	●	●
Auxiliary Control	●	●	●	●	●		●	●	●
Sector Program Control			●				●		●
Sequential Program Control				●	●				●
DESIGN									
Modular		●	●	●					
Touch Screen Interface					●				
Warranty (years)	2	2	3	5	5	2	2	2	2
Transient & Induced Voltage			●	●	●	●	●	●	●
Protection NEMA 3R Industrial standards applied	●	●	●	●	●	●	●	●	●

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 specifications at any time without incurring obligations.

©2014 Valmont Industries, Inc., Valley, NE 68064 USA. All rights reserved.